

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114715.D
 Acq On : 31 May 2019 18:22
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jun 01 00:26:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	388259	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	1572044	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	769551	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	1446447	20.00	ng	0.00
76) Chrysene-d12	13.82	240	780691	20.00	ng	0.00
87) Perylene-d12	15.21	264	846781	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	1717148	77.65	ng	0.00
7) Phenol-d6	6.33	99	2105218	79.00	ng	0.00
23) Nitrobenzene-d5	7.26	82	2011592	79.83	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	618891	84.40	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	3434693	83.57	ng	0.00
79) Terphenyl-d14	12.78	244	3505963	84.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	416246	39.223	ng	96
3) Pyridine	3.05	79	1199580	38.841	ng	98
4) n-Nitrosodimethylamine	2.99	42	447007	35.766	ng	90
6) Aniline	6.36	93	1556455	38.667	ng	100
8) 2-Chlorophenol	6.48	128	1027696	40.241	ng	99
9) Benzaldehyde	6.24	77	613152	41.616	ng	97
10) Phenol	6.35	94	1237393	38.438	ng	94
11) bis(2-Chloroethyl)ether	6.43	93	963742	39.139	ng	99
12) 1,3-Dichlorobenzene	6.64	146	1173121	40.318	ng	99
13) 1,4-Dichlorobenzene	6.72	146	1180251	40.434	ng	99
14) 1,2-Dichlorobenzene	6.87	146	1094148	41.173	ng	99
15) Benzyl Alcohol	6.84	79	851023	40.599	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1394761	36.931	ng	99
17) 2-Methylphenol	6.96	107	861379	39.878	ng	99
18) Hexachloroethane	7.21	117	432672	39.150	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	692127	37.628	ng	99
20) 3+4-Methylphenols	7.11	107	970532	38.203	ng	97
22) Acetophenone	7.11	105	1332734	39.788	ng	# 99
24) Nitrobenzene	7.28	77	1058975	39.564	ng	92
25) Isophorone	7.52	82	1926402	38.095	ng	100
26) 2-Nitrophenol	7.59	139	572302	43.926	ng	99
27) 2,4-Dimethylphenol	7.64	122	857525	39.574	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	1264598	39.285	ng	100
29) 2,4-Dichlorophenol	7.83	162	907031	41.125	ng	97
30) 1,2,4-Trichlorobenzene	7.92	180	1029235	40.960	ng	98
31) Naphthalene	8.00	128	2820345	38.949	ng	100
32) Benzoic acid	7.76	122	657755	46.735	ng	98
33) 4-Chloroaniline	8.05	127	1356800	39.329	ng	99
34) Hexachlorobutadiene	8.13	225	573557	41.088	ng	100
35) Caprolactam	8.43	113	295625	39.718	ng	93
36) 4-Chloro-3-methylphenol	8.53	107	897527	40.578	ng	99
37) 2-Methylnaphthalene	8.69	142	1939571	40.314	ng	98
38) 1-Methylnaphthalene	8.79	142	1849394	40.572	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	881241	43.001	ng	99

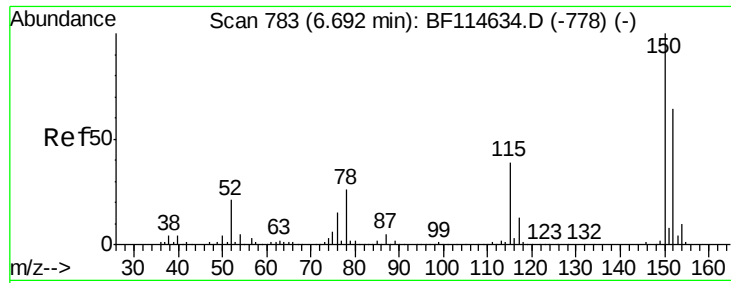
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	457788	33.803	nq	100
43) 2,4,6-Trichlorophenol	8.96	196	677911	42.040	nq	99
44) 2,4,5-Trichlorophenol	9.00	196	693988	43.128	nq	98
46) 1,1'-Biphenyl	9.15	154	2311972	40.473	nq	99
47) 2-Chloronaphthalene	9.17	162	1946669	41.543	nq	98
48) 2-Nitroaniline	9.27	65	604821	41.826	nq	88
49) Acenaphthylene	9.59	152	2836989	39.190	nq	98
50) Dimethylphthalate	9.46	163	2222561	41.448	nq	99
51) 2,6-Dinitrotoluene	9.51	165	523920	42.048	nq	95
52) Acenaphthene	9.76	154	1803918	40.632	nq	100
53) 3-Nitroaniline	9.67	138	621590	40.761	nq	100
54) 2,4-Dinitrophenol	9.77	184	219928	44.748	nq	# 87
55) Dibenzofuran	9.93	168	2474601	39.158	nq	98
56) 4-Nitrophenol	9.83	139	466120	41.246	nq	99
57) 2,4-Dinitrotoluene	9.91	165	677073	42.340	nq	92
58) Fluorene	10.27	166	1727069	40.124	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	561721	42.648	nq	99
60) Diethylphthalate	10.15	149	2230205	40.721	nq	100
61) 4-Chlorophenyl-phenylether	10.26	204	898761	41.842	nq	99
62) 4-Nitroaniline	10.29	138	600182	40.389	nq	97
63) Azobenzene	10.43	77	1937017	38.522	nq	95
65) 4,6-Dinitro-2-methylphenol	10.32	198	280809	43.783	nq	88
66) n-Nitrosodiphenylamine	10.38	169	1762595	41.244	nq	99
67) 4-Bromophenyl-phenylether	10.75	248	639473	41.226	nq	97
68) Hexachlorobenzene	10.82	284	705549	41.995	nq	# 91
69) Atrazine	10.91	200	560836	41.183	nq	99
70) Pentachlorophenol	11.00	266	413078	42.653	nq	98
71) Phenanthrene	11.22	178	2716448	36.815	nq	100
72) Anthracene	11.27	178	2751278	36.842	nq	98
73) Carbazole	11.43	167	2463846	37.540	nq	100
74) Di-n-butylphthalate	11.77	149	3158379	38.406	nq	99
75) Fluoranthene	12.40	202	2683669	35.125	nq	98
77) Benzidine	12.52	184	1295036	40.284	nq	100
78) Pyrene	12.63	202	2702626	40.924	nq	100
80) Butylbenzylphthalate	13.26	149	1351921	40.733	nq	98
81) Benzo(a)anthracene	13.81	228	2307647	38.465	nq	100
82) 3,3'-Dichlorobenzidine	13.77	252	936628	40.426	nq	97
83) Chrysene	13.84	228	2239321	39.068	nq	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	1704875	41.550	nq	99
85) Di-n-octyl phthalate	14.43	149	2830060	39.697	nq	97
86) Indeno(1,2,3-cd)pyrene	16.54	276	1958701	34.119	nq	99
88) Benzo(b)fluoranthene	14.82	252	2059958	38.624	nq	100
89) Benzo(k)fluoranthene	14.85	252	1969180	42.479	nq	99
90) Benzo(a)pyrene	15.16	252	1858050	39.657	nq	100
91) Dibenzo(a,h)anthracene	16.55	278	1624367	39.234	nq	99
92) Benzo(g,h,i)perylene	16.93	276	1566034	38.972	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

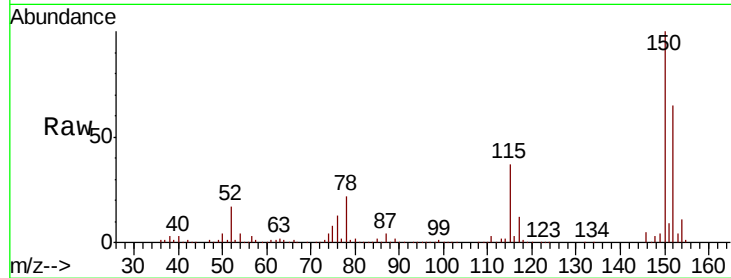


#1

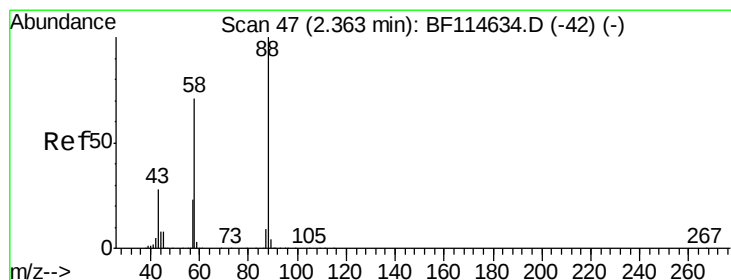
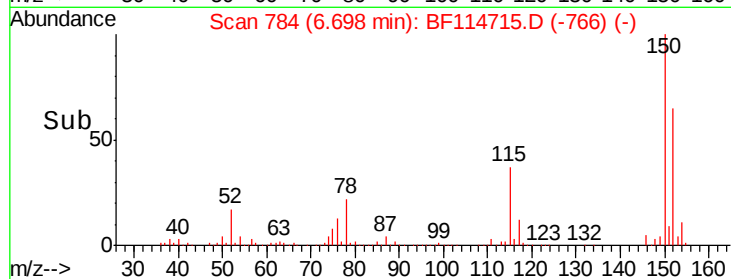
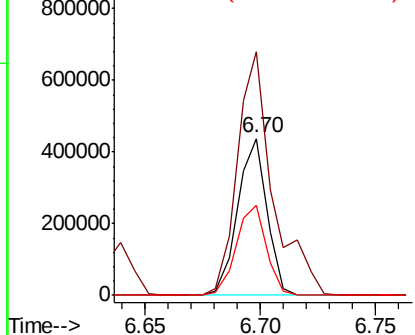
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:152 Resp: 388259
Ion Ratio Lower Upper
152 100
150 155.0 124.4 186.6
115 57.5 48.7 73.1



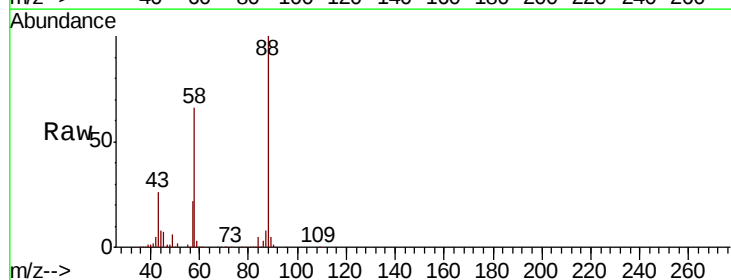
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



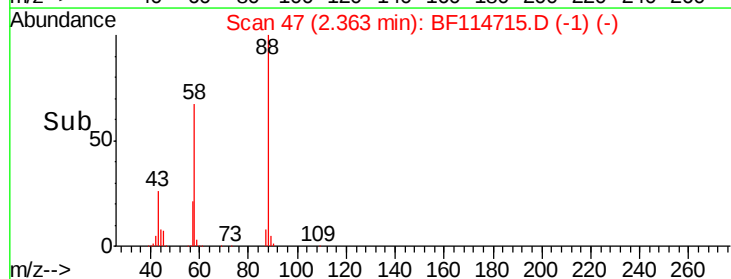
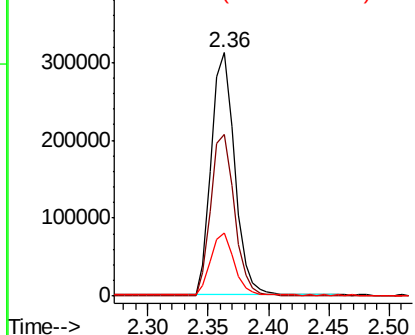
#2

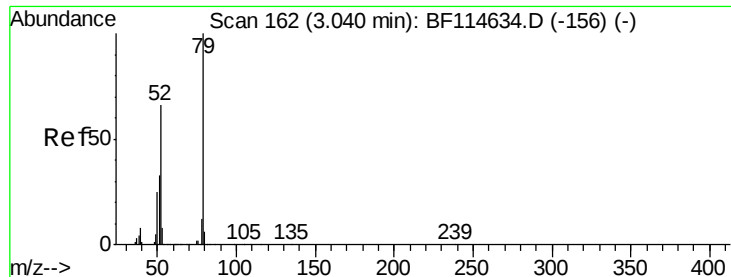
1,4-Dioxane
Concen: 39.223 ng
RT: 2.36 min Scan# 47
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Tgt Ion: 88 Resp: 416246
Ion Ratio Lower Upper
88 100
58 68.1 57.2 85.8
43 25.6 22.6 33.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.841 ng

RT: 3.05 min Scan# 163

Delta R.T. 0.01 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

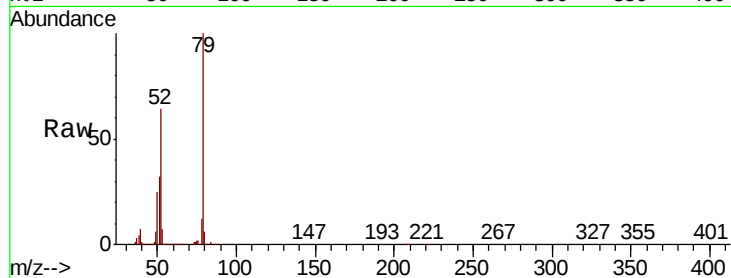
Tot Ion: 79 Resp: 1199580

Ion Ratio Lower Upper

79 100

52 64.0 52.8 79.2

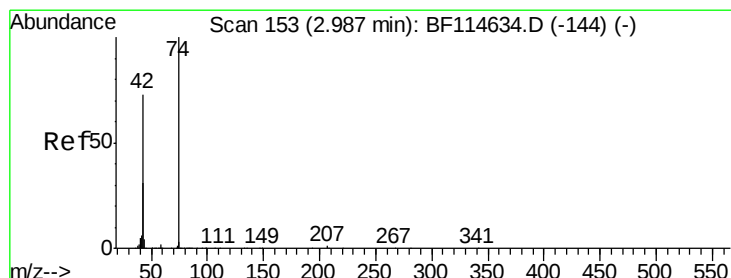
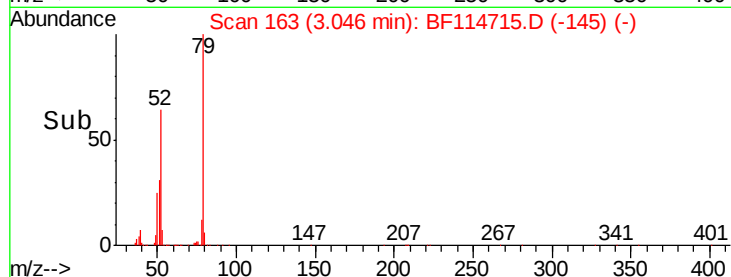
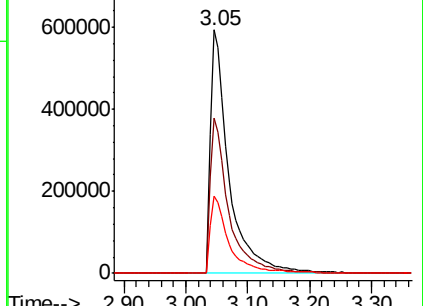
51 31.7 26.3 39.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.766 ng

RT: 2.99 min Scan# 154

Delta R.T. 0.01 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

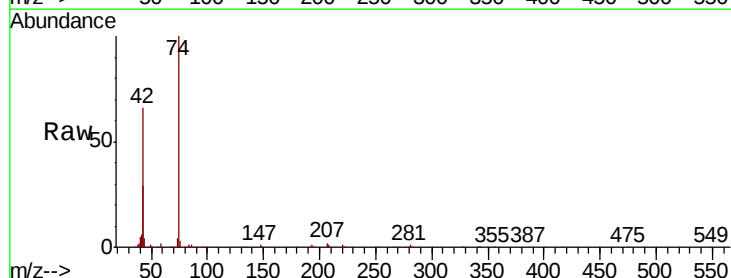
Tgt Ion: 42 Resp: 447007

Ion Ratio Lower Upper

42 100

74 150.7 110.0 165.0

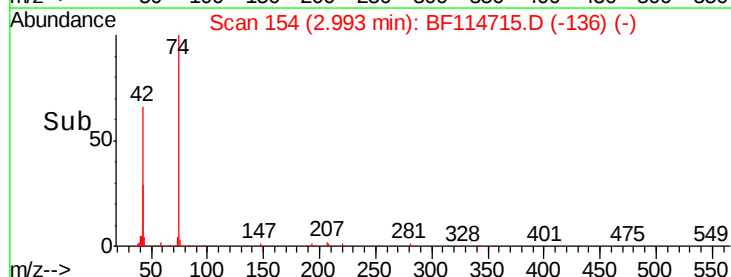
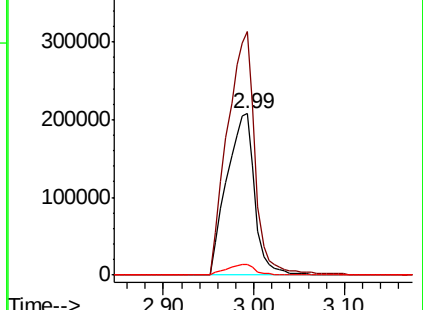
44 6.8 5.6 8.4



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 77.649 ng

RT: 5.30 min Scan# 546

Delta R.T. 0.01 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

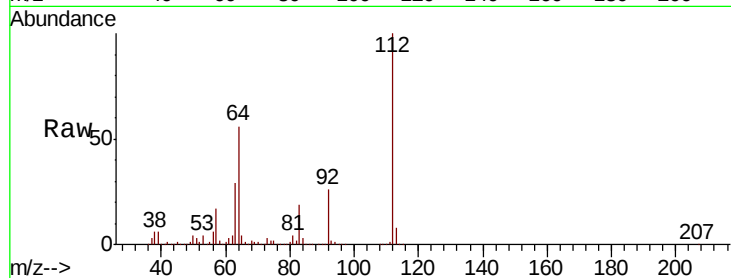
Tot Ion:112 Resp: 1717148

Ion Ratio Lower Upper

112 100

64 55.9 46.1 69.1

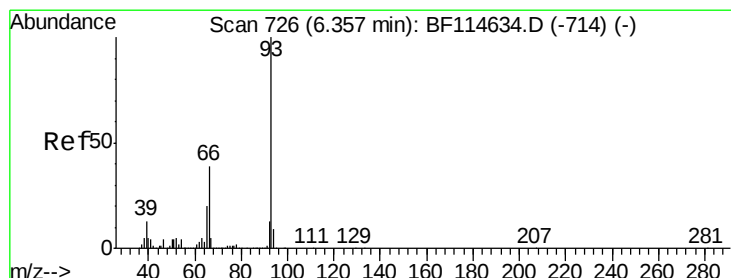
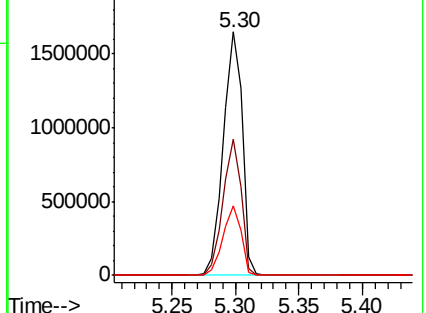
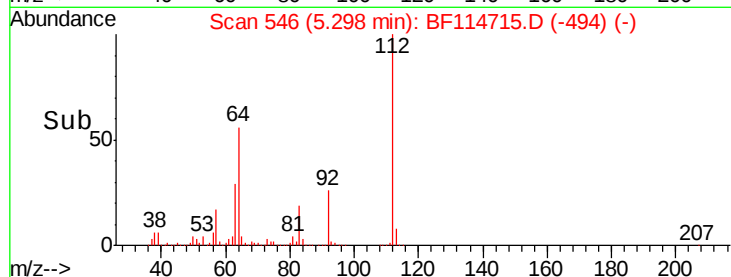
63 28.8 23.4 35.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.667 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

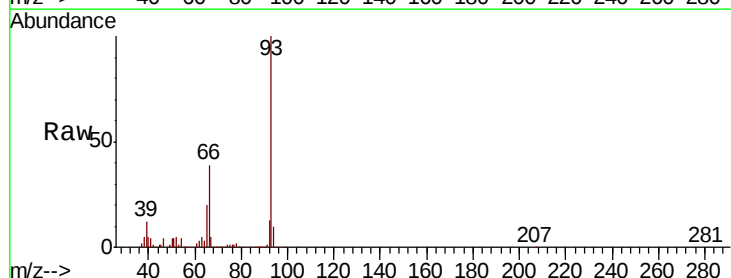
Tgt Ion: 93 Resp: 1556455

Ion Ratio Lower Upper

93 100

66 39.3 31.4 47.2

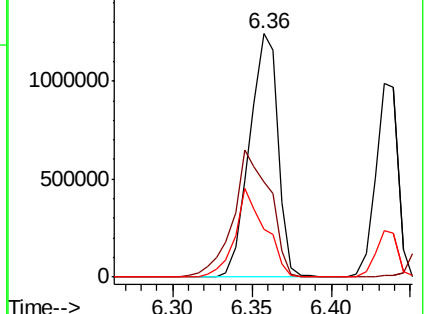
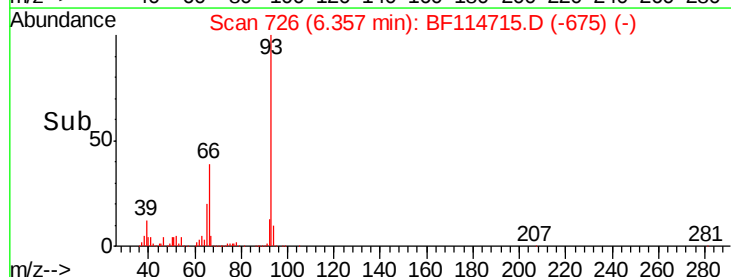
65 19.7 16.2 24.2

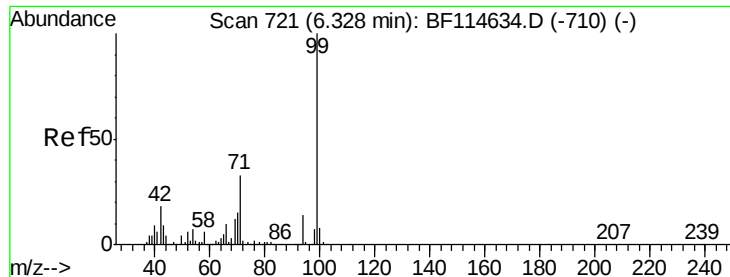


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.000 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

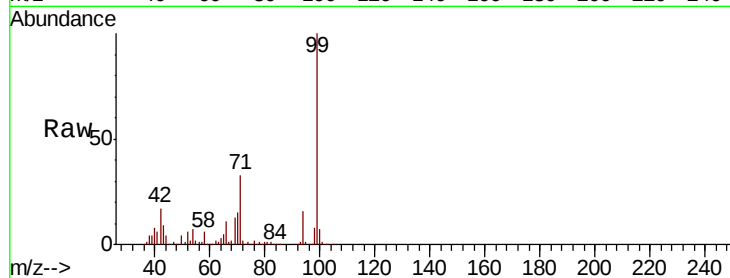
Tot Ion: 99 Resp: 2105218

Ion Ratio Lower Upper

99 100

42 17.2 14.7 22.1

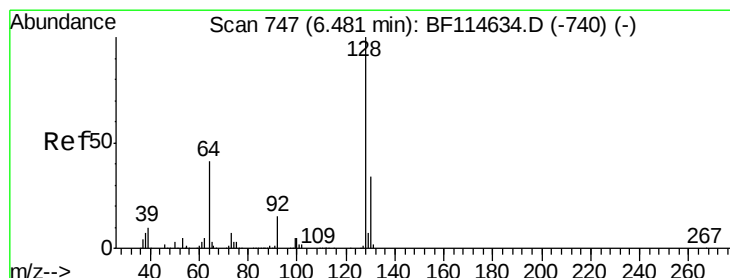
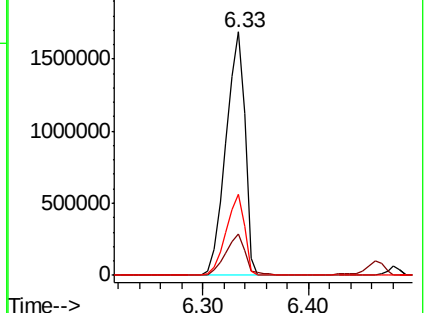
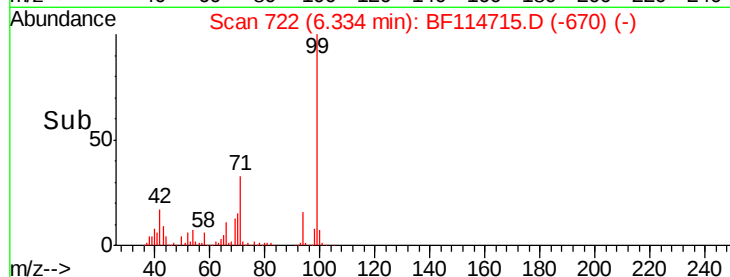
71 33.3 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.241 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

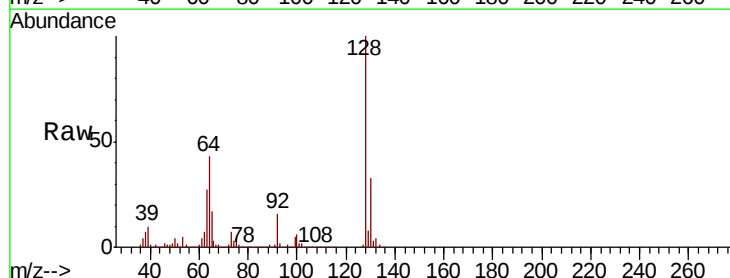
Tgt Ion:128 Resp: 1027696

Ion Ratio Lower Upper

128 100

130 33.3 13.9 53.9

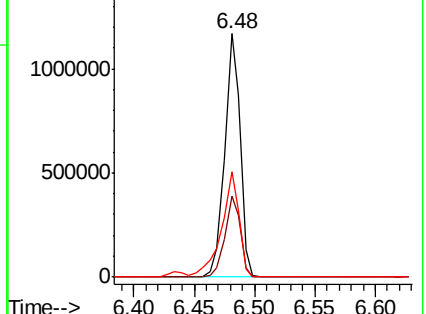
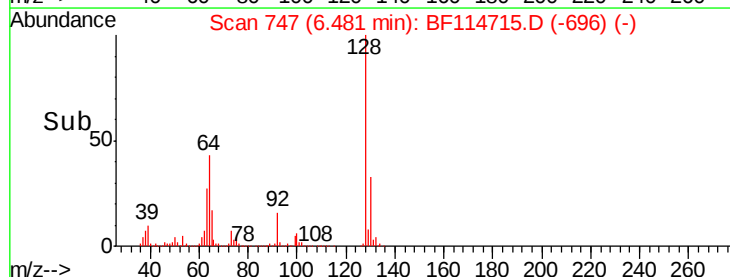
64 43.1 22.0 62.0

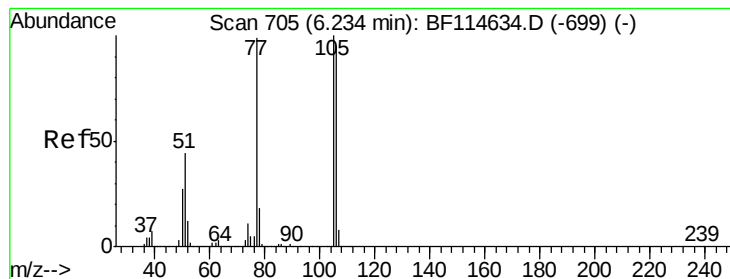


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 41.616 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.01 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

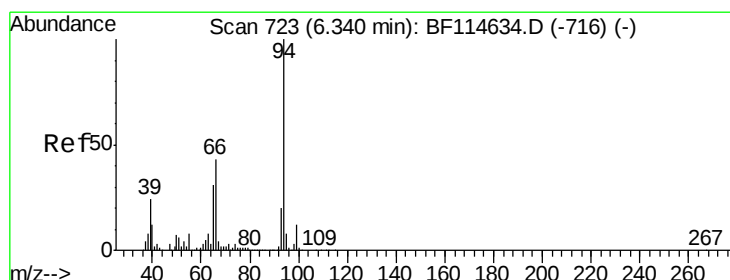
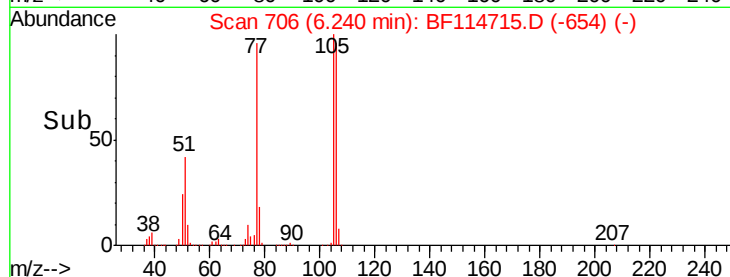
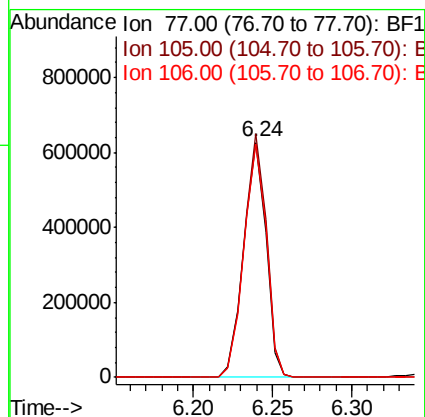
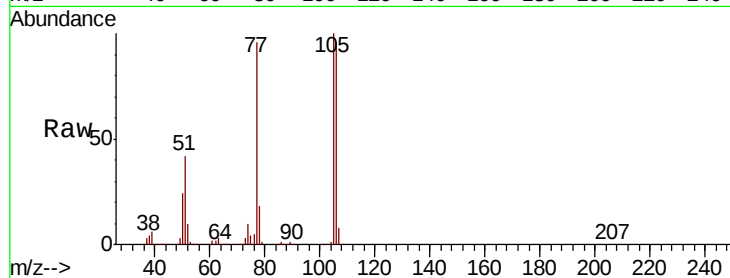
Tot Ion: 77 Resp: 613152

Ion Ratio Lower Upper

77 100

105 103.7 80.8 120.8

106 99.4 76.2 116.2



#10

Phenol

Concen: 38.438 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

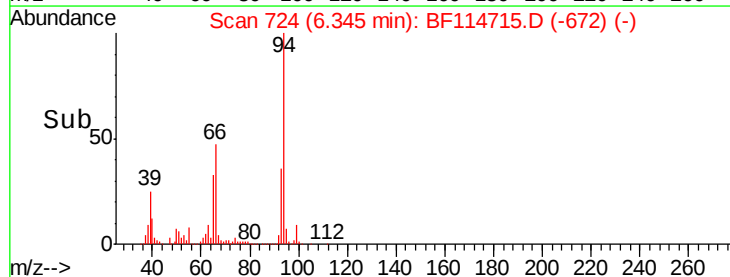
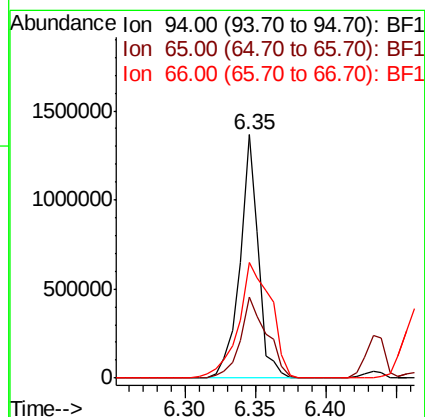
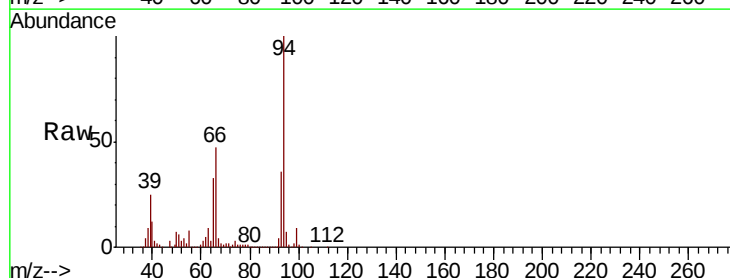
Tgt Ion: 94 Resp: 1237393

Ion Ratio Lower Upper

94 100

65 33.4 11.0 51.0

66 47.4 23.0 63.0





#11

bis(2-Chloroethyl)ether

Concen: 39.139 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

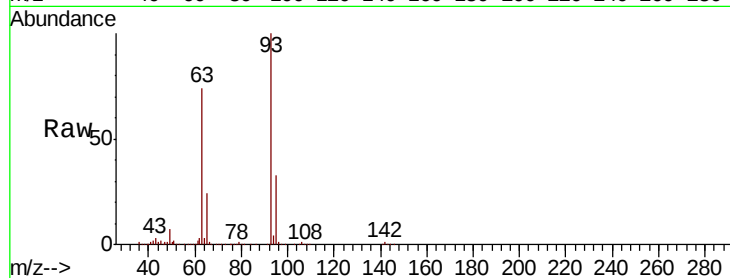
Tot Ion: 93 Resp: 963742

Ion Ratio Lower Upper

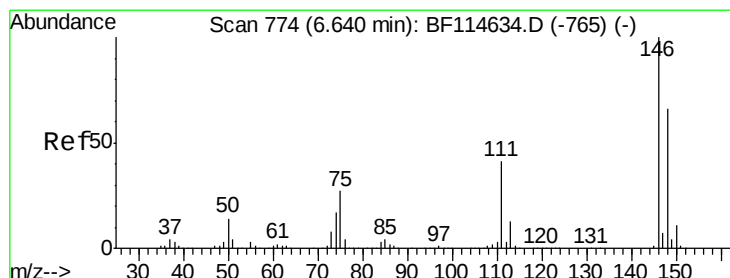
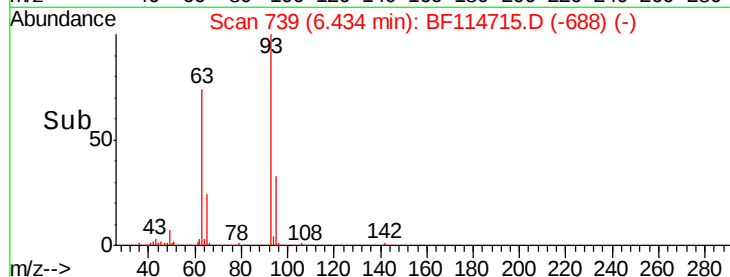
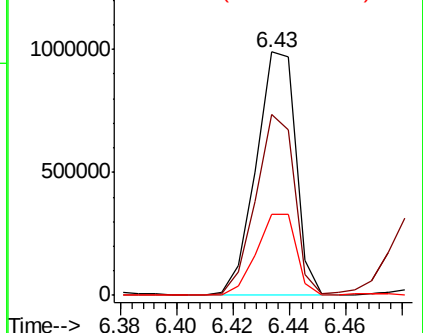
93 100

63 74.1 55.0 95.0

95 33.1 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 40.318 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

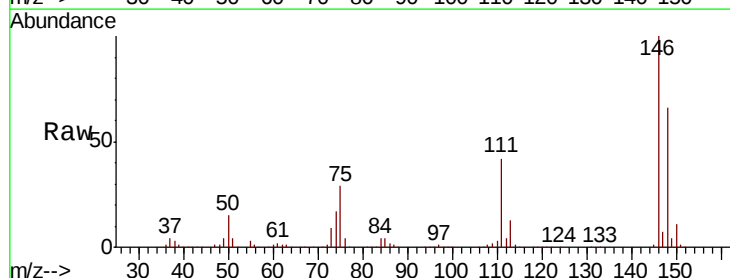
Tgt Ion: 146 Resp: 1173121

Ion Ratio Lower Upper

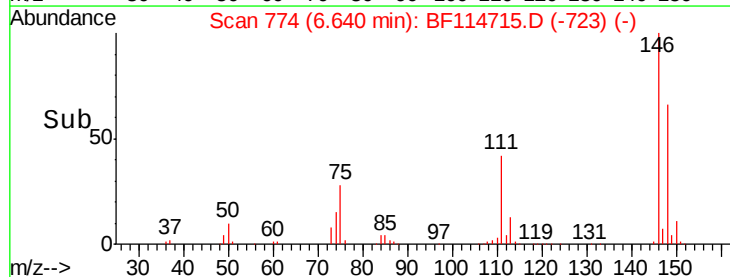
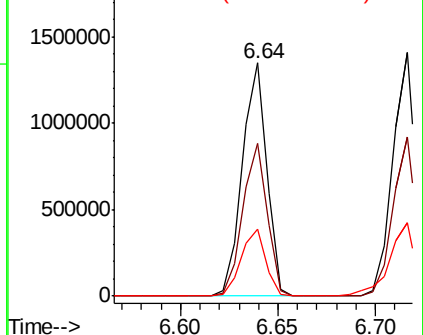
146 100

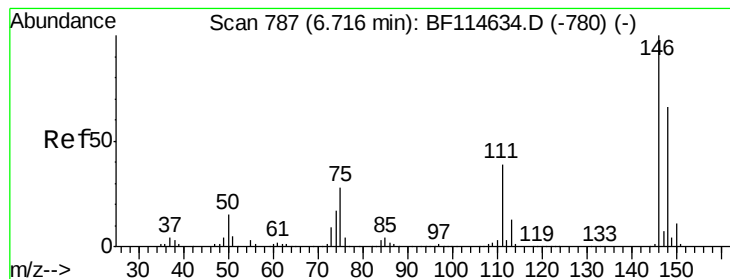
148 65.6 52.9 79.3

75 28.6 22.0 33.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 40.434 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

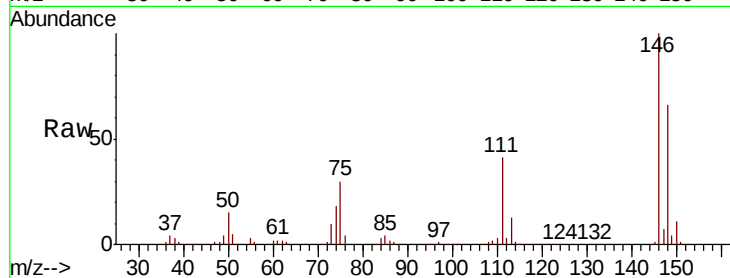
Tot Ion:146 Resp: 1180251

Ion Ratio Lower Upper

146 100

148 65.6 52.5 78.7

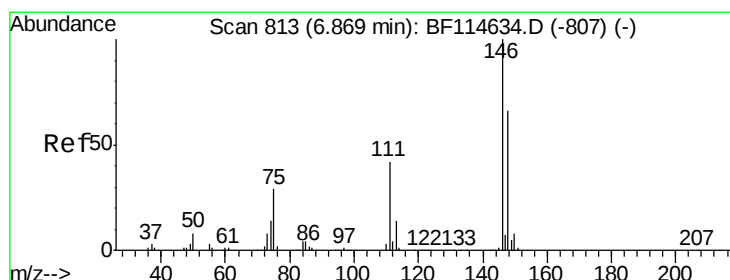
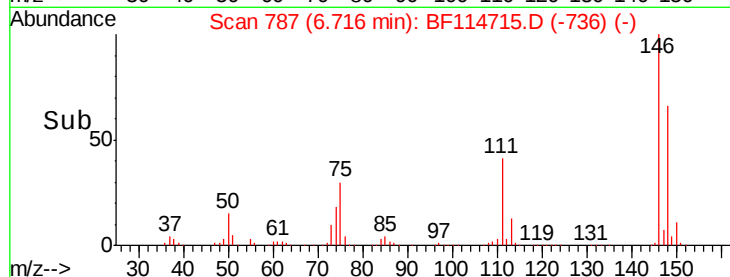
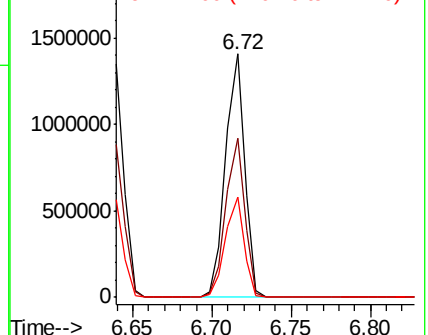
111 41.2 31.4 47.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.173 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

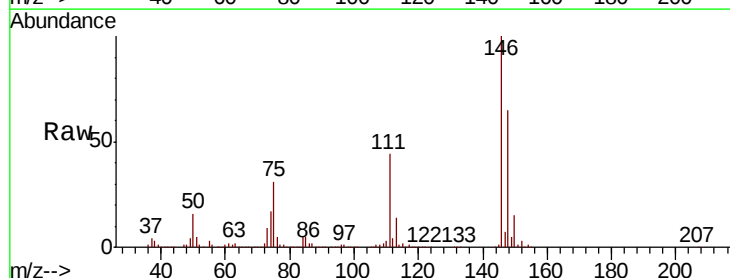
Tgt Ion:146 Resp: 1094148

Ion Ratio Lower Upper

146 100

148 64.9 52.6 79.0

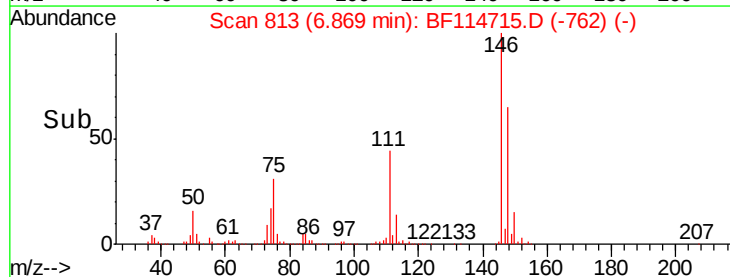
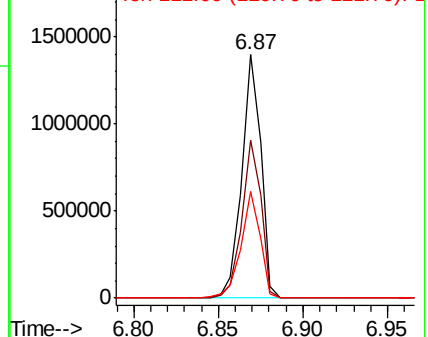
111 43.7 34.1 51.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.599 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

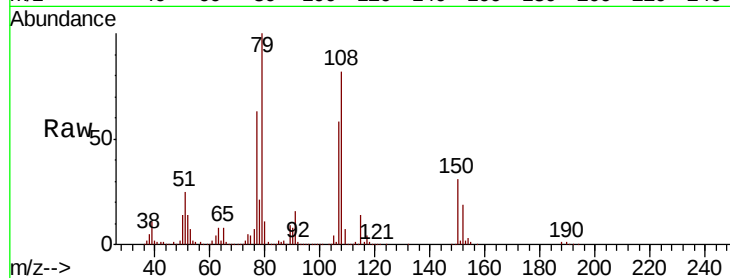
Tot Ion: 79 Resp: 851023

Ion Ratio Lower Upper

79 100

108 82.0 67.8 101.8

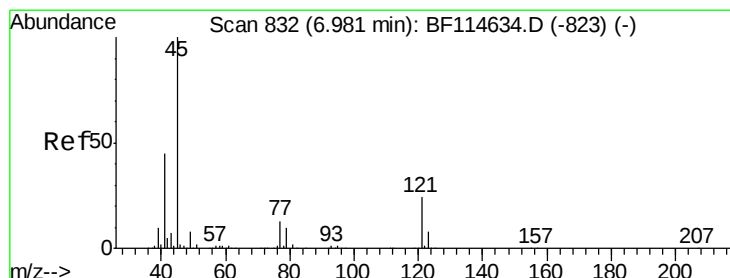
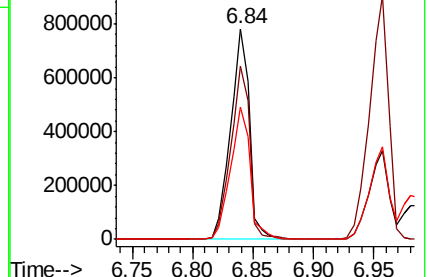
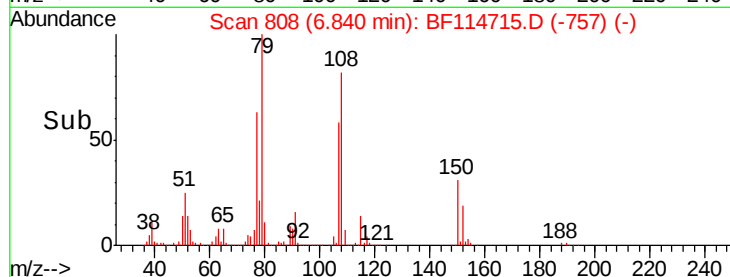
77 63.0 50.7 76.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.931 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

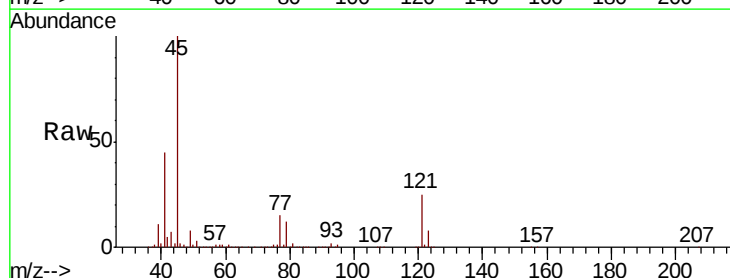
Tgt Ion: 45 Resp: 1394761

Ion Ratio Lower Upper

45 100

77 15.1 0.0 34.7

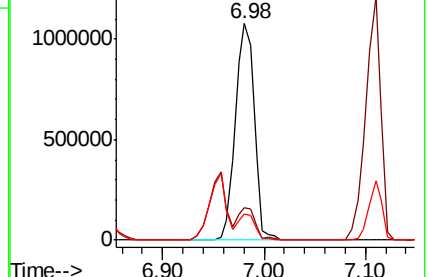
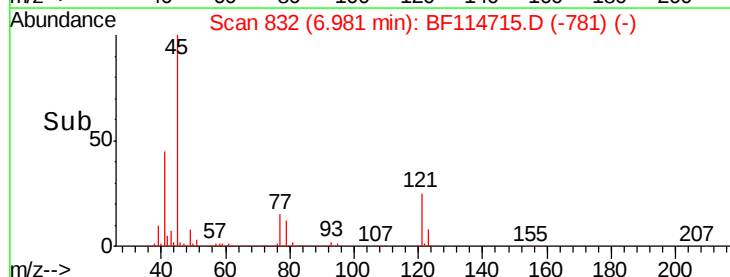
79 11.8 0.0 31.3

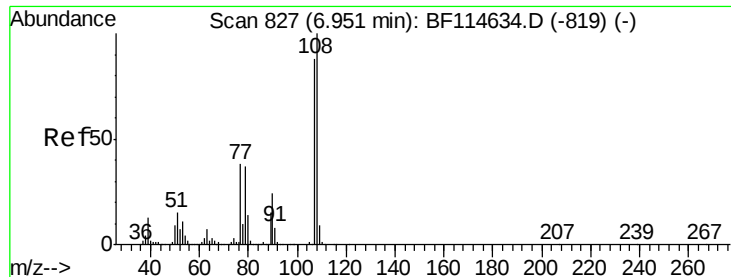


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

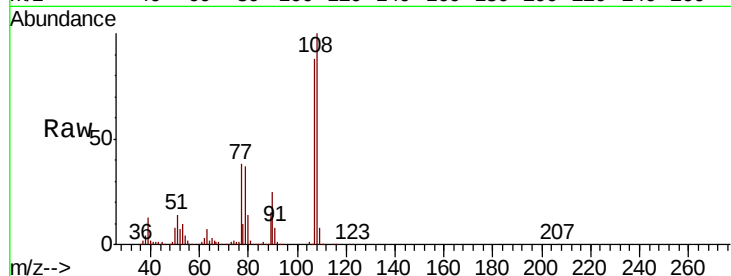




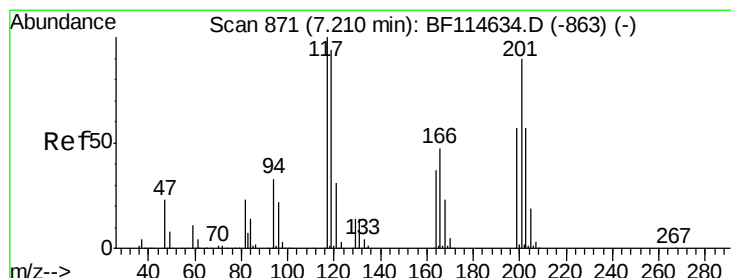
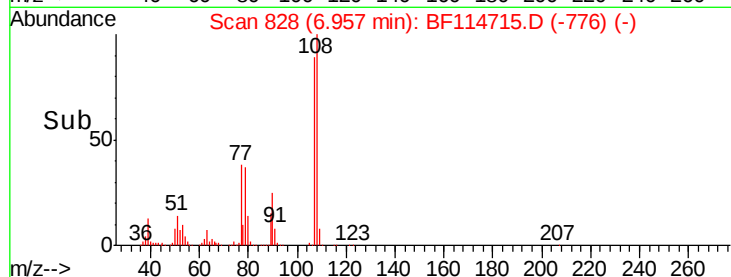
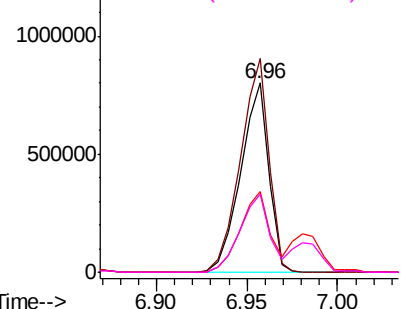
#17
2-Methylphenol
Concen: 39.878 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	107	Resp:	861379
Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.1	136.7
77	42.8	34.9	52.3
79	41.4	33.8	50.6

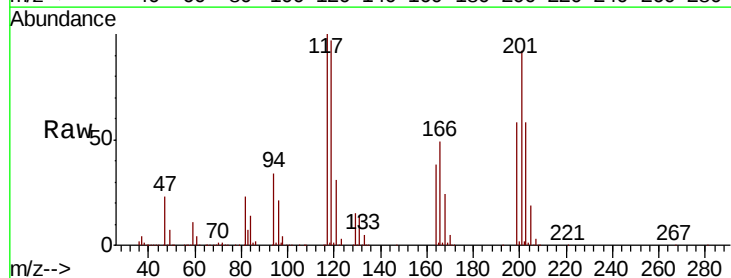


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

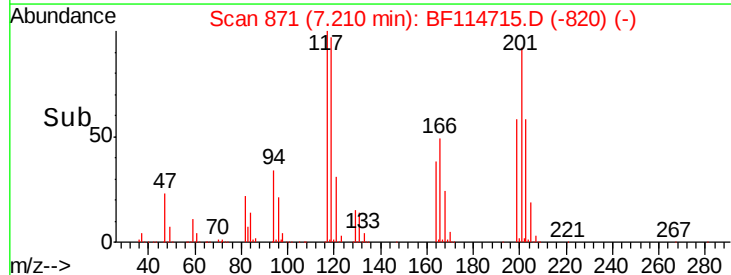
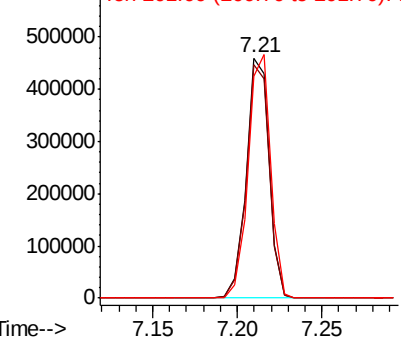


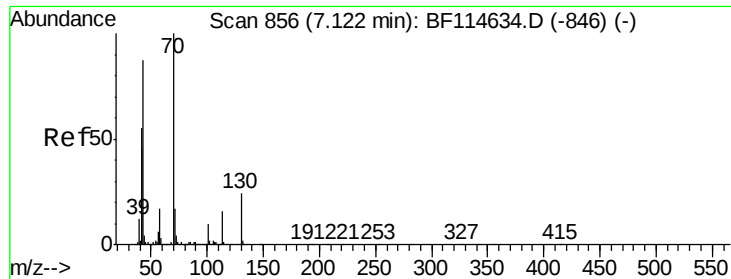
#18
Hexachloroethane
Concen: 39.150 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Tgt Ion:	117	Resp:	432672
Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.6	113.4
201	92.3	71.7	107.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

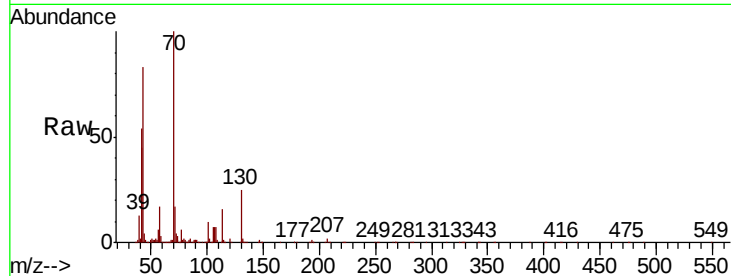




#19
n-Nitroso-di-n-propylamine
Concen: 37.628 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	70	Resp:	692127
Ion	Ratio	Lower	Upper
70	100		
42	54.2	44.4	66.6
101	10.3	8.2	12.4
130	24.6	19.4	29.0



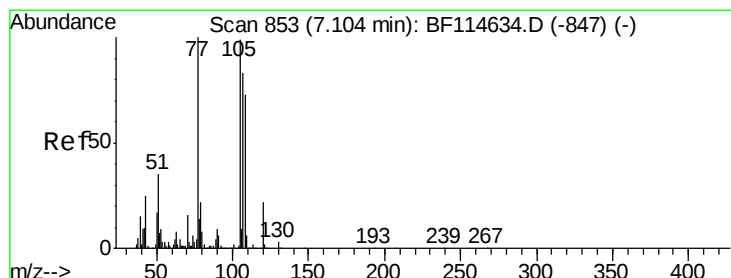
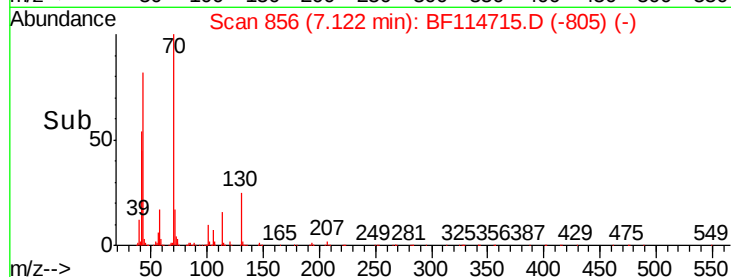
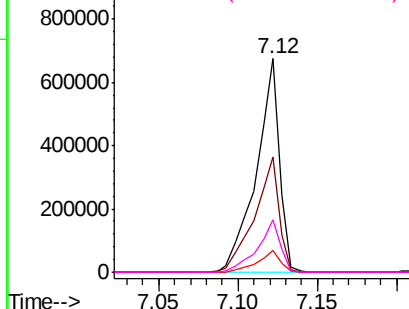
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

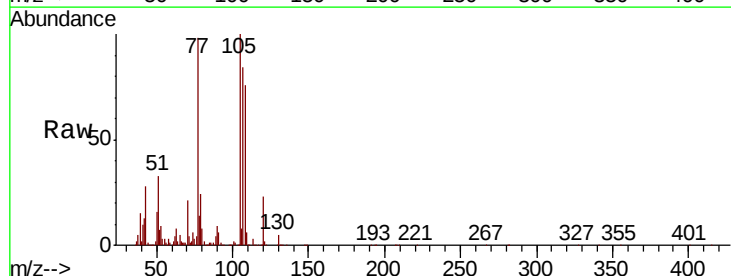
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 38.203 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Tgt Ion:	107	Resp:	970532
Ion	Ratio	Lower	Upper
107	100		
108	90.6	68.6	108.6
77	117.3	100.5	140.5
79	28.5	7.0	47.0



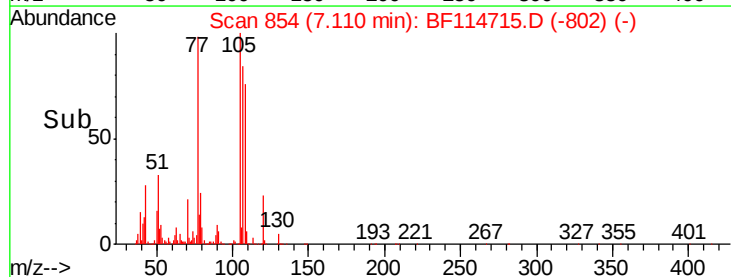
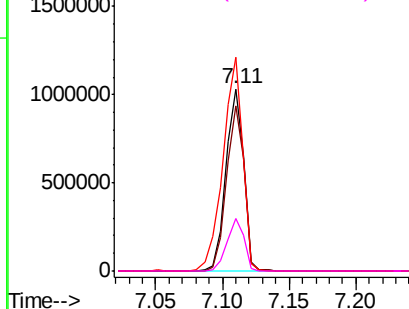
Abundance

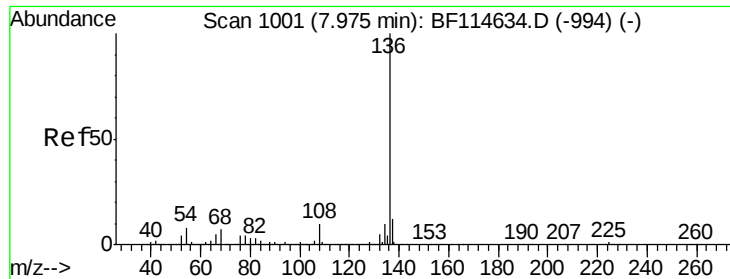
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

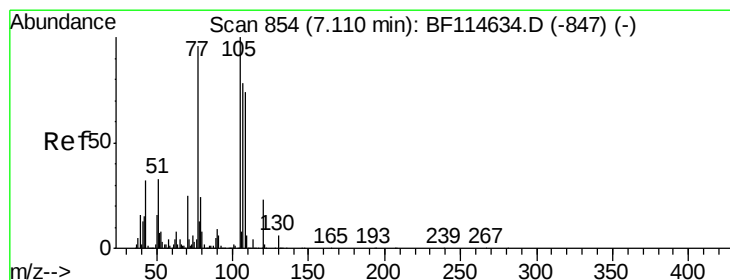
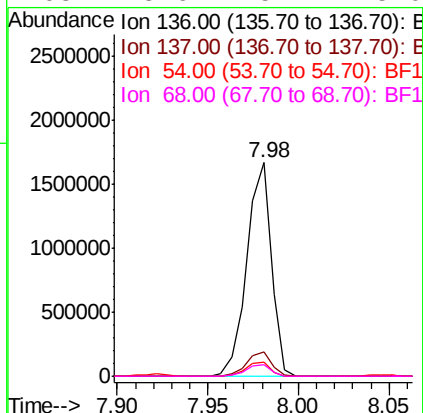
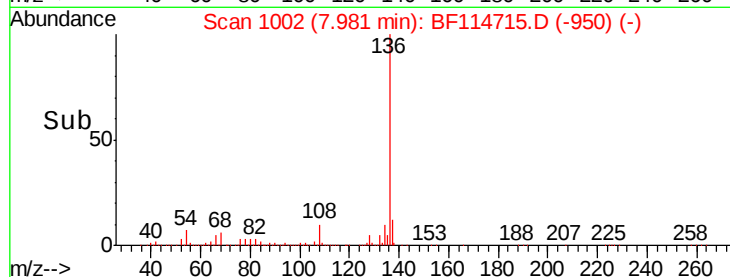
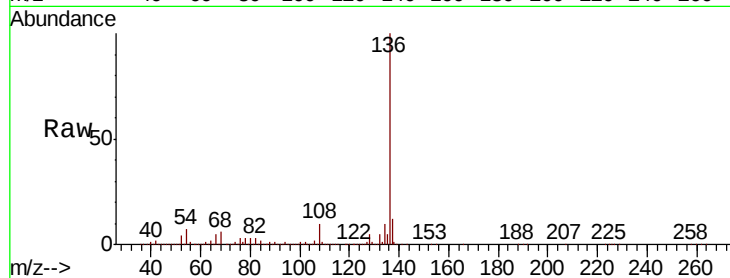




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

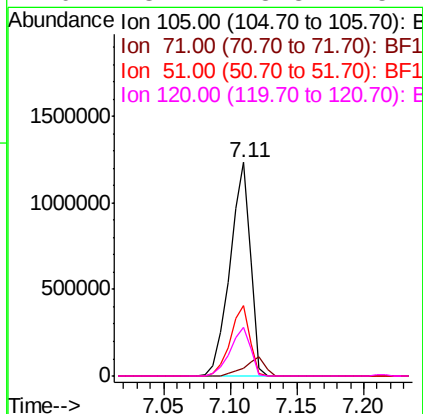
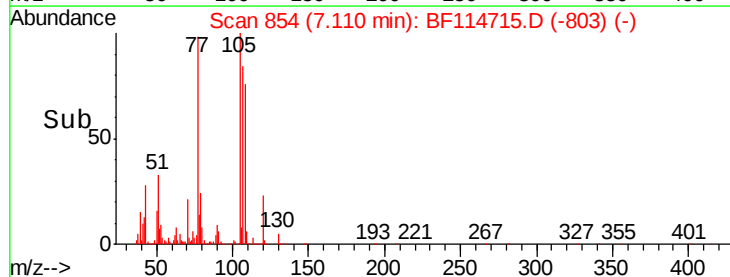
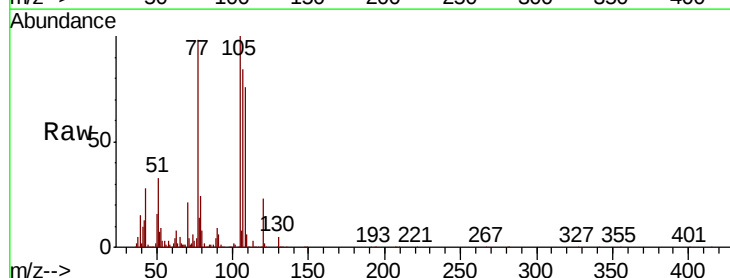
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

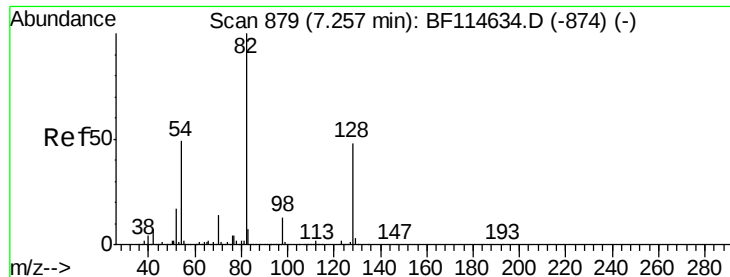
Tot Ion:136	Resp: 1572044
Ion Ratio	Lower Upper
136 100	
137 11.6	9.3 13.9
54 6.5	6.3 9.5
68 5.6	5.4 8.0



#22
Acetophenone
Concen: 39.788 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Tgt	Ion:105	Resp:	1332734
Ion	Ratio	Lower	Upper
105	100		
71	3.5	3.6	5.4#
51	32.7	26.0	39.0
120	23.1	18.8	28.2

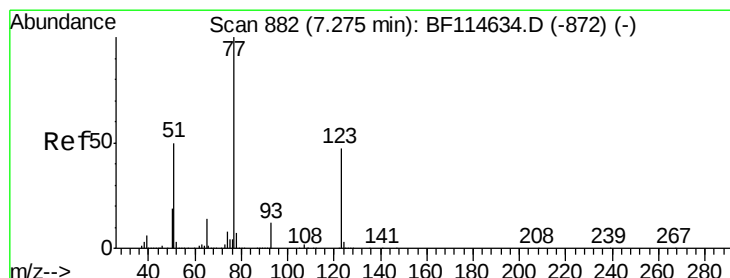
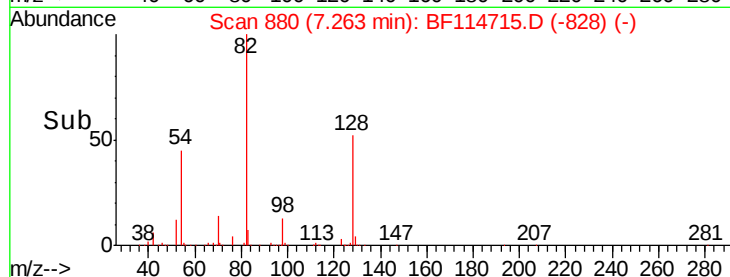
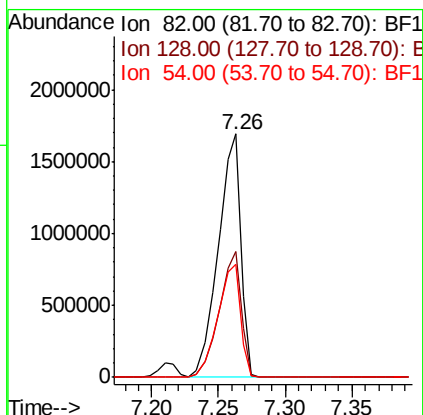
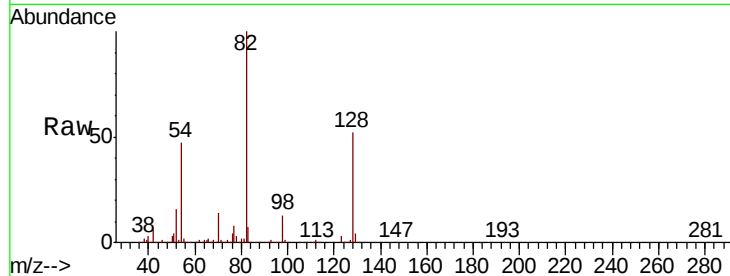




#23
 Nitrobenzene-d5
 Concen: 79.833 ng
 RT: 7.26 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

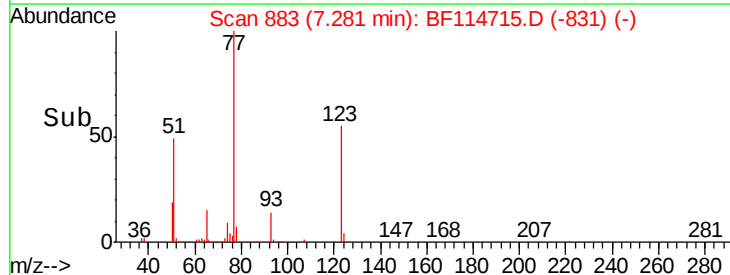
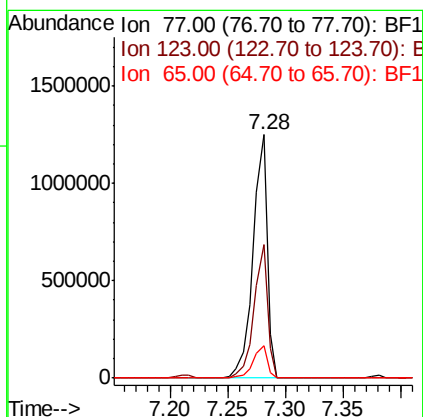
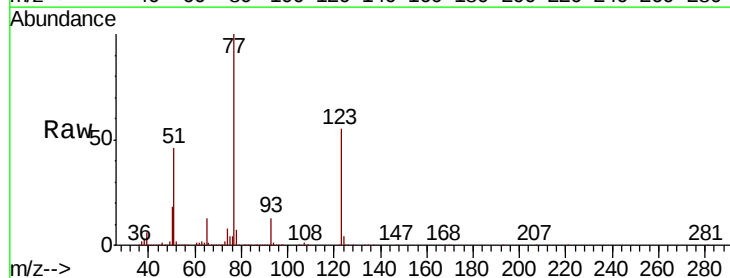
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

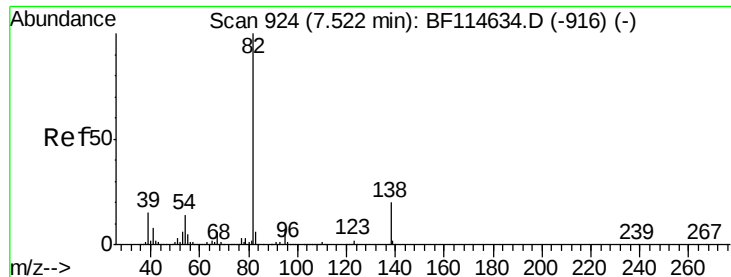
Tot Ion: 82 Resp: 2011592
 Ion Ratio Lower Upper
 82 100
 128 51.9 38.5 57.7
 54 46.5 39.1 58.7



#24
 Nitrobenzene
 Concen: 39.564 ng
 RT: 7.28 min Scan# 883
 Delta R.T. 0.01 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Tgt Ion: 77 Resp: 1058975
 Ion Ratio Lower Upper
 77 100
 123 54.9 38.5 57.7
 65 13.3 11.2 16.8





#25

Isophorone

Concen: 38.095 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

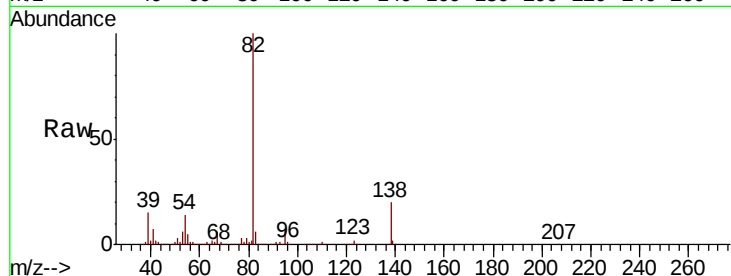
Tot Ion: 82 Resp: 1926402

Ion Ratio Lower Upper

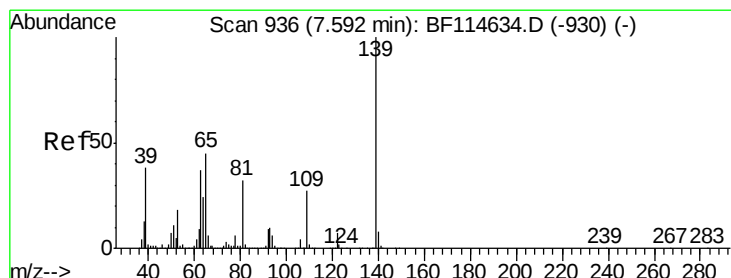
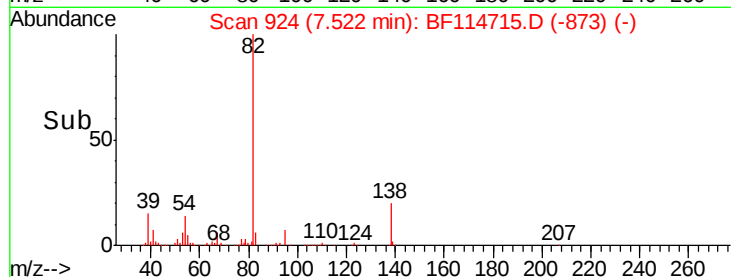
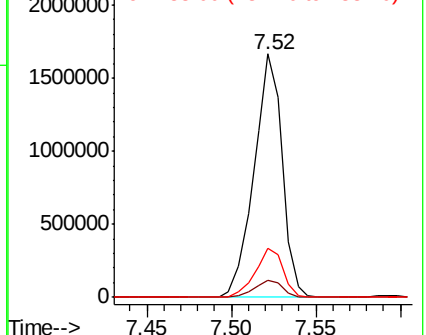
82 100

95 7.2 5.6 8.4

138 20.0 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.926 ng

RT: 7.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

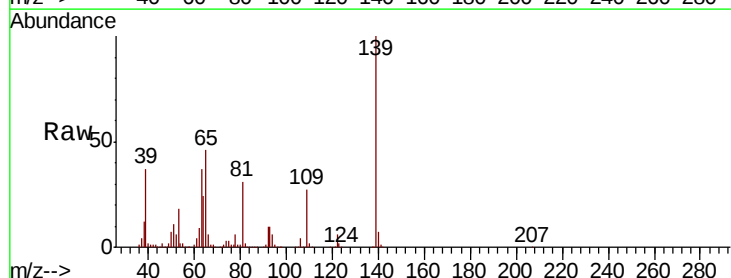
Tgt Ion: 139 Resp: 572302

Ion Ratio Lower Upper

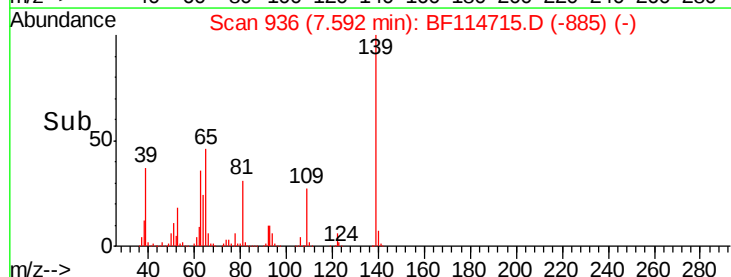
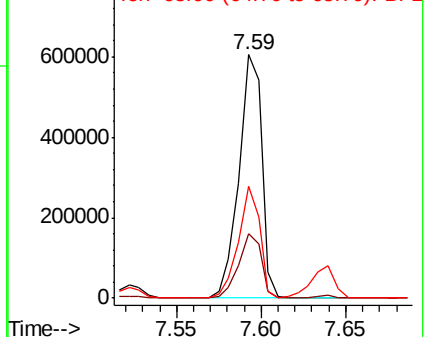
139 100

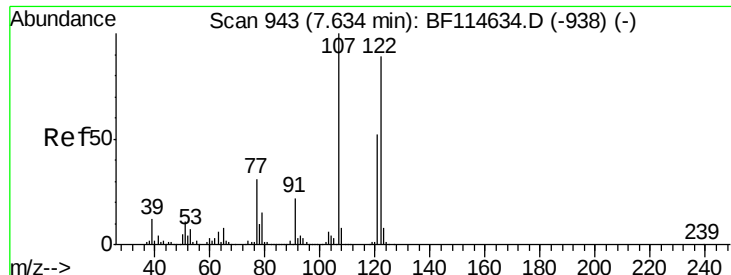
109 26.5 21.7 32.5

65 45.9 36.3 54.5



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

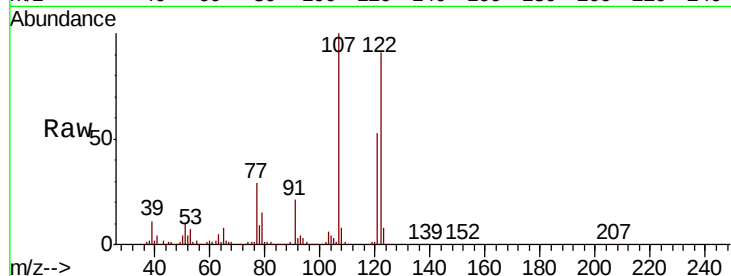




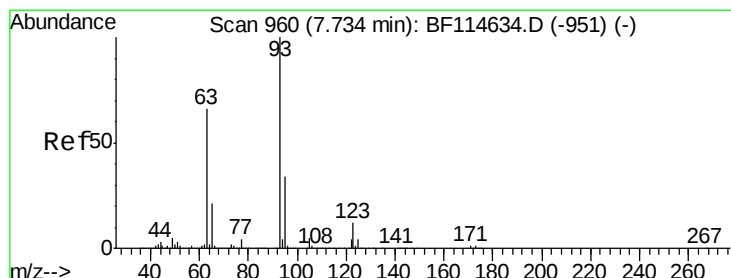
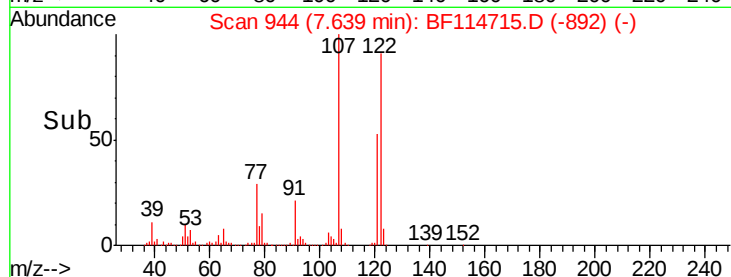
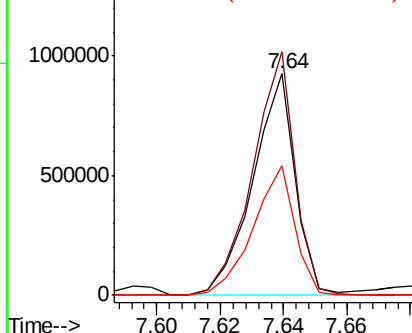
#27
2,4-Dimethylphenol
Concen: 39.574 ng
RT: 7.64 min Scan# 944
Delta R.T. 0.01 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.9	89.3	133.9
121	58.5	46.8	70.2

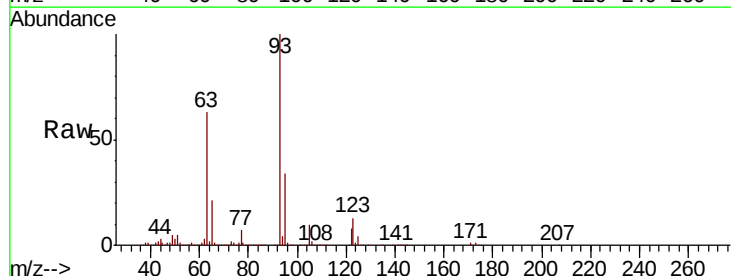


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

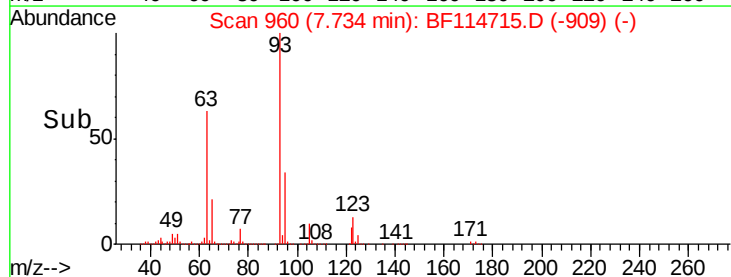
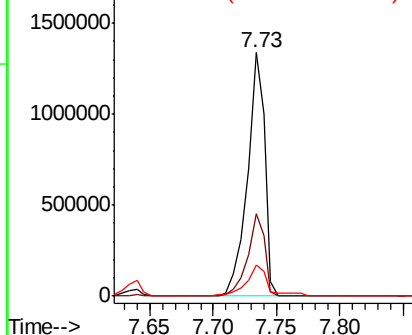


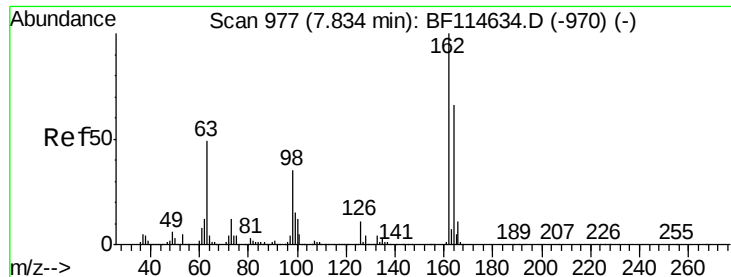
#28
bis(2-Chloroethoxy)methane
Concen: 39.285 ng
RT: 7.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	27.0	40.4
123	12.7	10.2	15.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

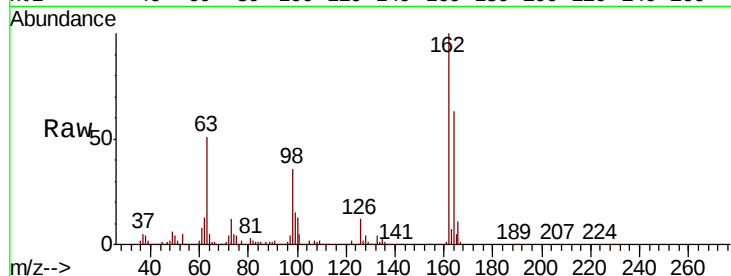




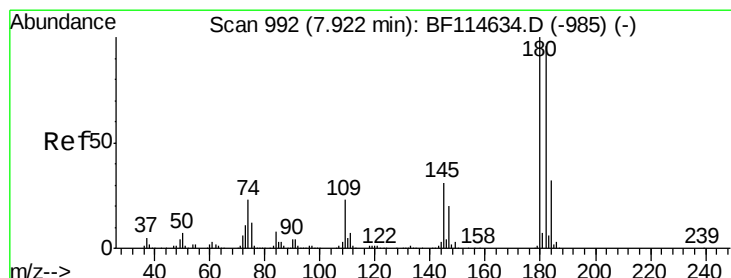
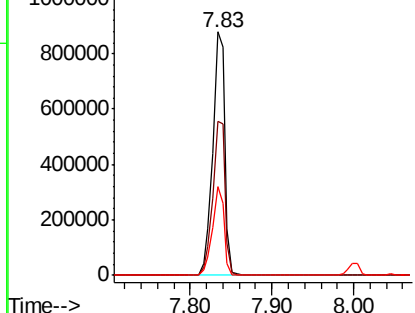
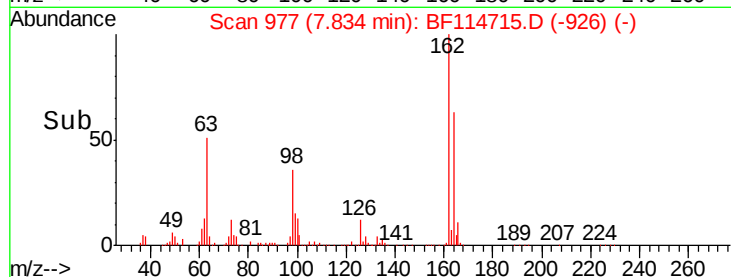
#29
 2,4-Dichlorophenol
 Concen: 41.125 ng
 RT: 7.83 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:162	Resp:	907031
Ion Ratio	Lower	Upper
162	100	
164	63.3	45.8 85.8
98	36.4	14.9 54.9

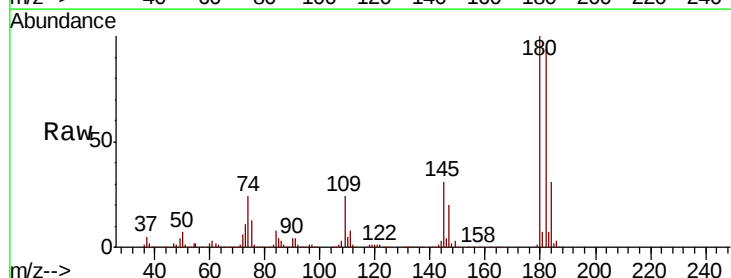


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

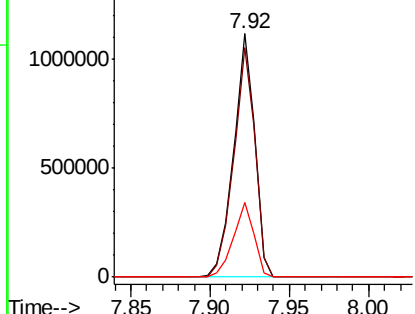
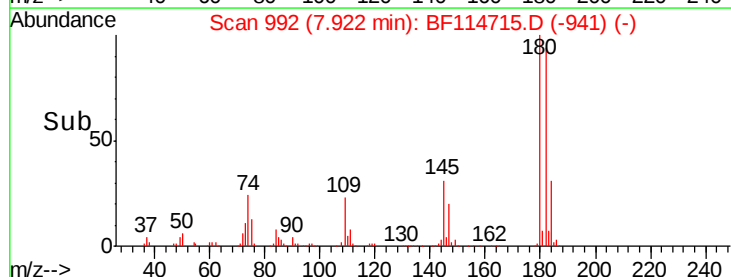


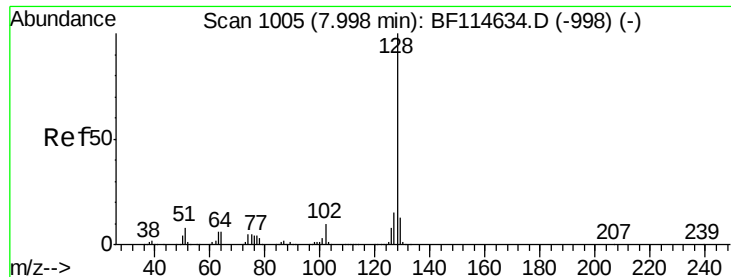
#30
 1,2,4-Trichlorobenzene
 Concen: 40.960 ng
 RT: 7.92 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Tgt Ion:180	Resp:	1029235
Ion Ratio	Lower	Upper
180	100	
182	94.3	76.9 115.3
145	30.9	24.5 36.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

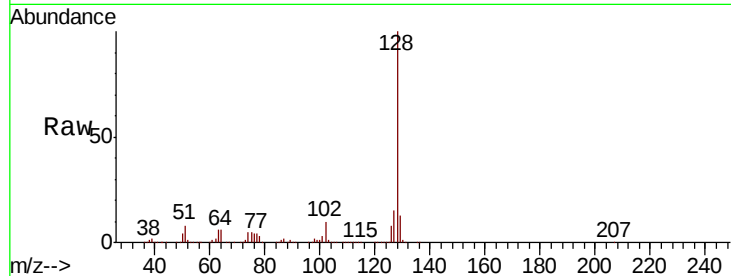




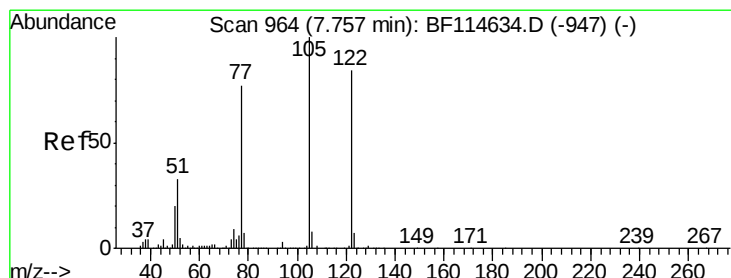
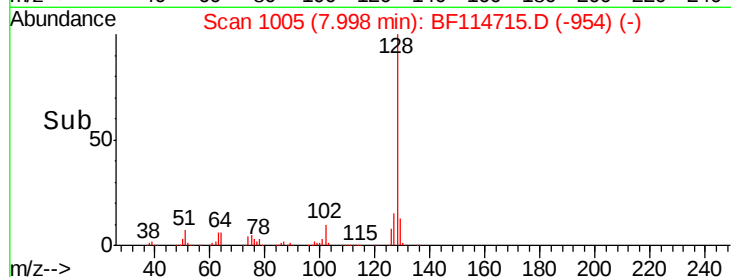
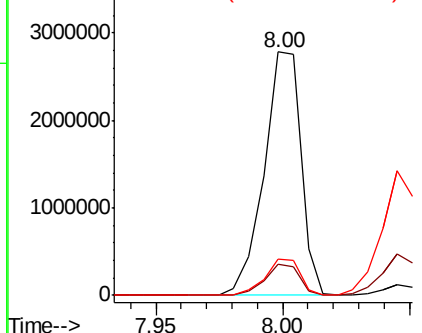
#31
Naphthalene
Concen: 38.949 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:128 Resp: 2820345
Ion Ratio Lower Upper
128 100
129 12.7 10.2 15.2
127 14.7 11.9 17.9

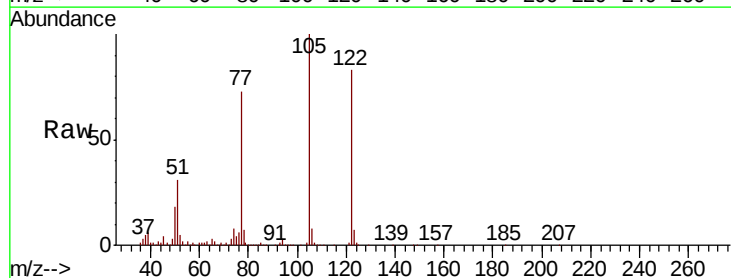


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

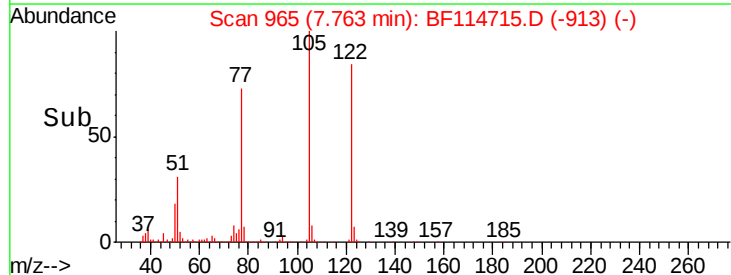
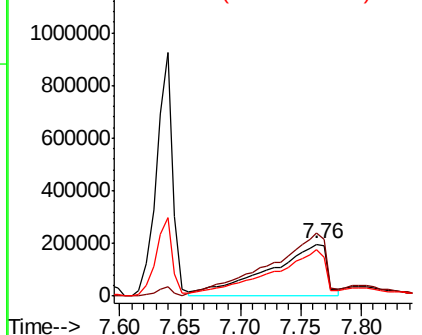


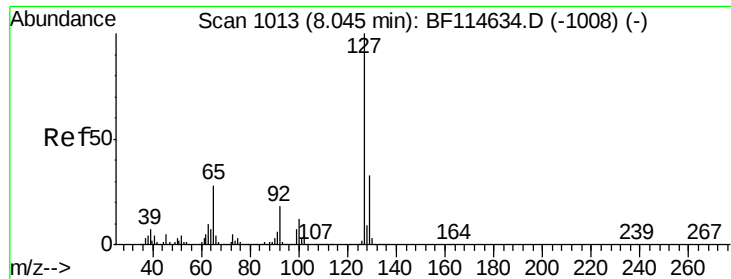
#32
Benzoic acid
Concen: 46.735 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Tgt Ion:122 Resp: 657755
Ion Ratio Lower Upper
122 100
105 119.9 98.3 138.3
77 87.8 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

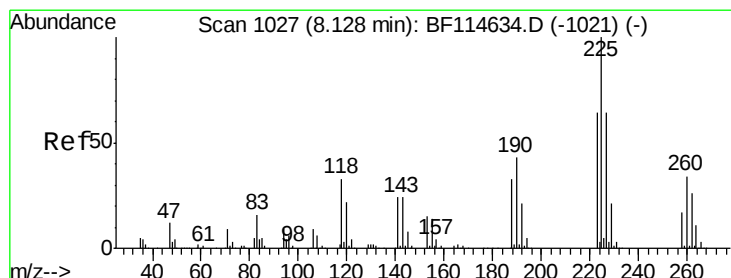
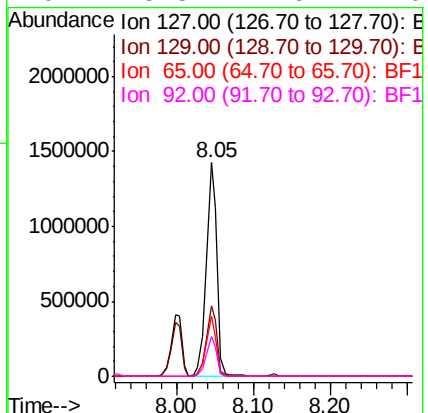
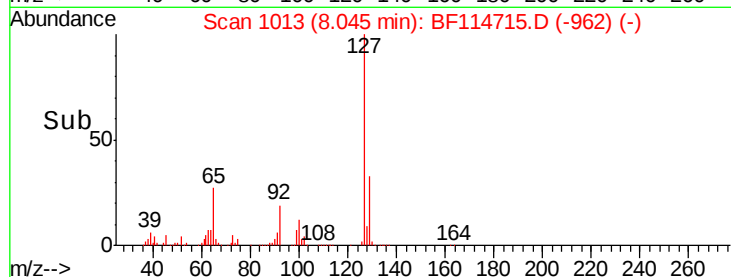
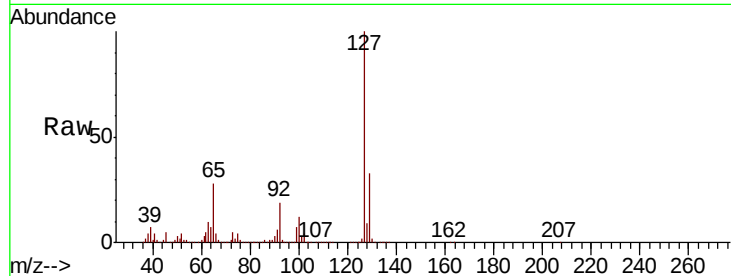




#33
4-Chloroaniline
Concen: 39.329 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

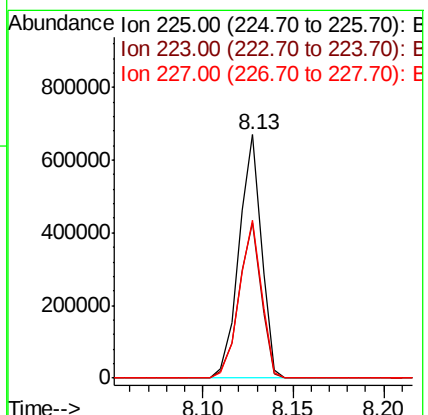
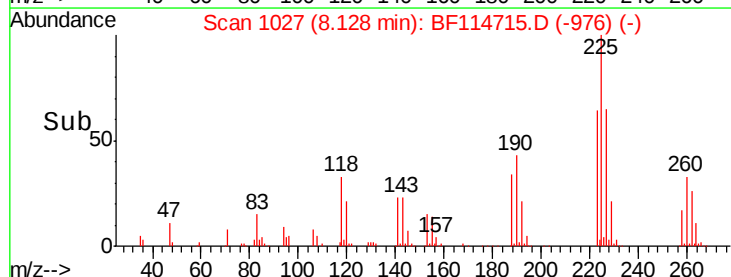
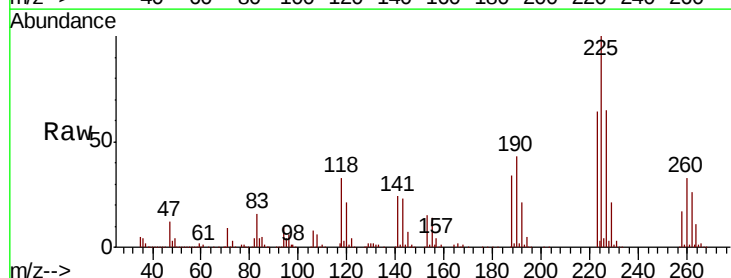
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

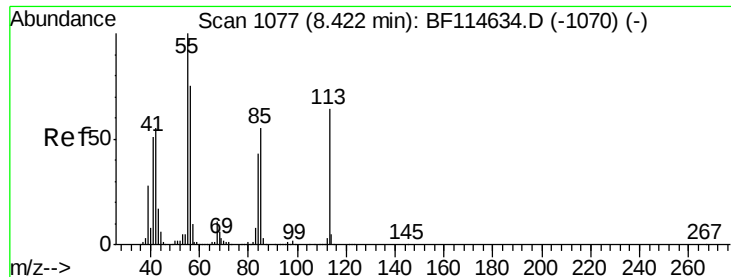
Tot Ion:127	Resp: 1356800
Ion Ratio	Lower Upper
127 100	
129 33.1	26.7 40.1
65 28.4	22.5 33.7
92 18.8	14.6 22.0



#34
Hexachlorobutadiene
Concen: 41.088 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Tgt Ion	225	Resp: Lower	573557 Upper
	Ratio		
225	100		
223	63.6	50.9	76.3
227	64.8	51.3	76.9

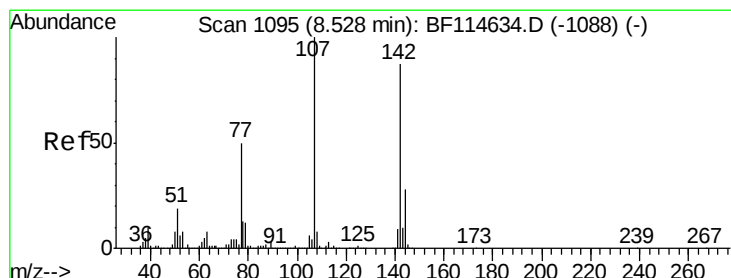
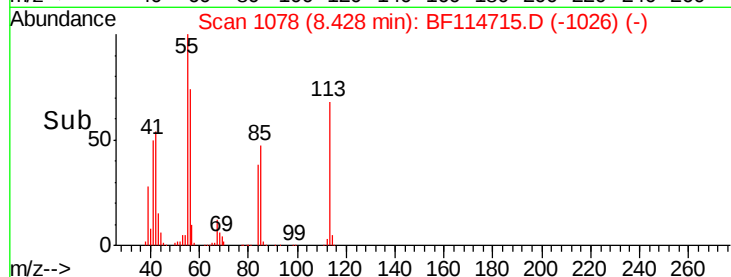
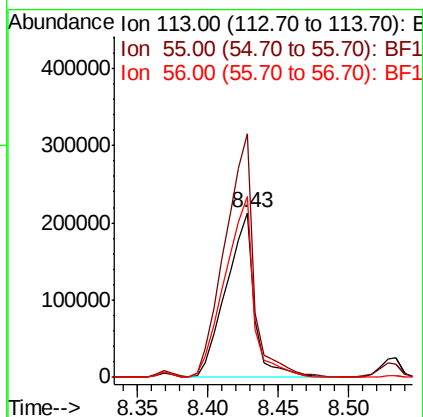
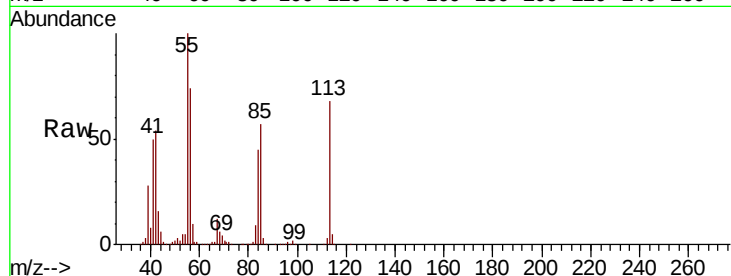




#35
 Caprolactam
 Concen: 39.718 ng
 RT: 8.43 min Scan# 1078
 Delta R.T. 0.01 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

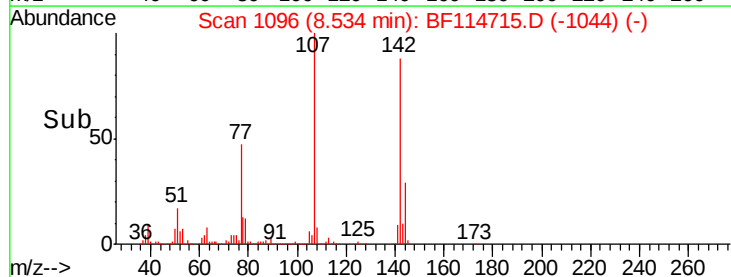
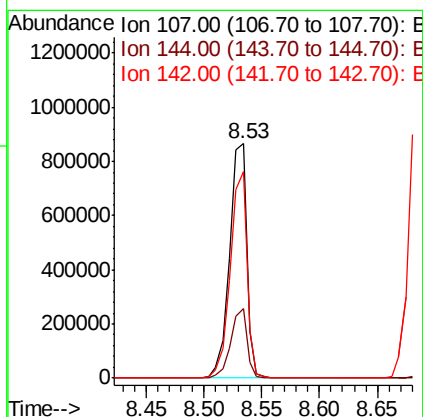
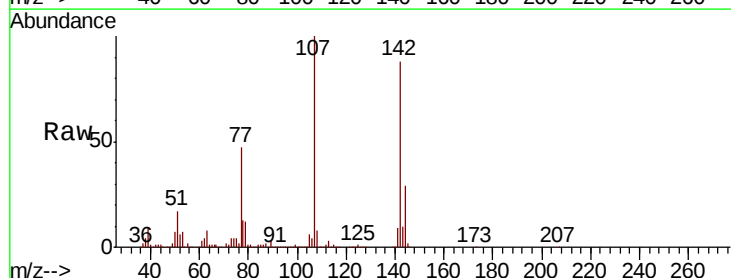
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

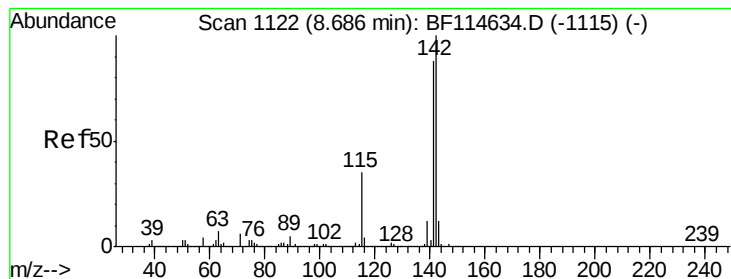
Tot Ion:113 Resp: 295625
 Ion Ratio Lower Upper
 113 100
 55 147.9 136.4 176.4
 56 109.9 97.0 137.0



#36
 4-Chloro-3-methylphenol
 Concen: 40.578 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Tgt Ion:107 Resp: 897527
 Ion Ratio Lower Upper
 107 100
 144 29.5 22.5 33.7
 142 88.1 69.8 104.6





#37

2-Methylnaphthalene

Concen: 40.314 ng

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampled :

SSTDCCC040EC

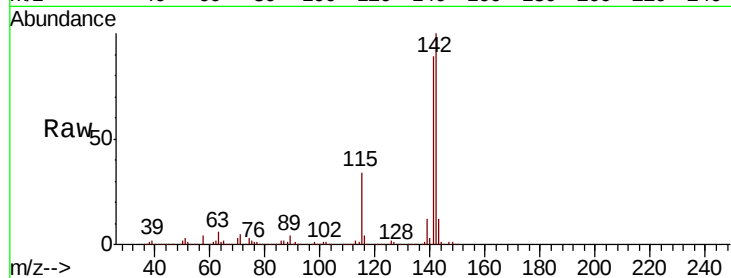
Tot Ion:142 Resp: 1939571

Ion Ratio Lower Upper

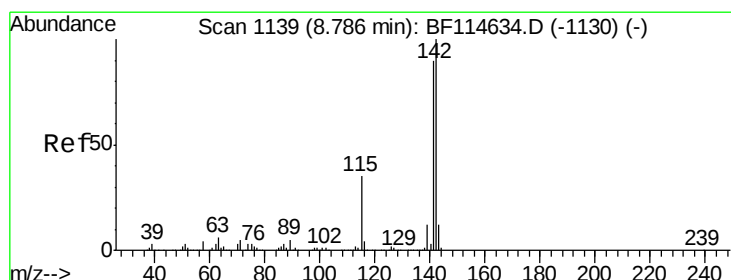
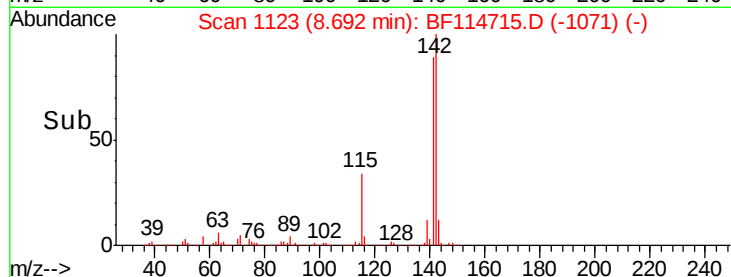
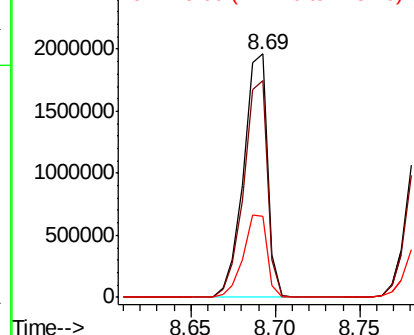
142 100

141 89.1 70.3 105.5

115 33.5 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.572 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

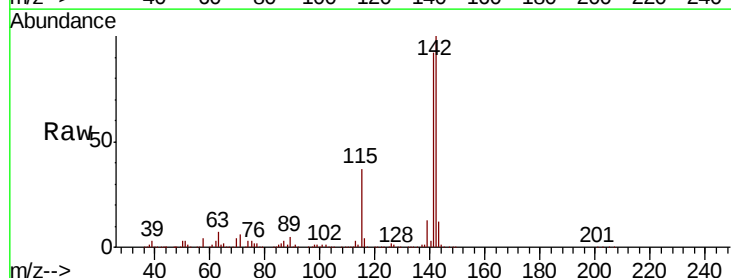
Tgt Ion:142 Resp: 1849394

Ion Ratio Lower Upper

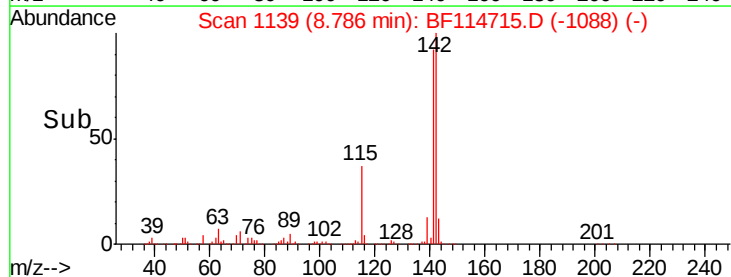
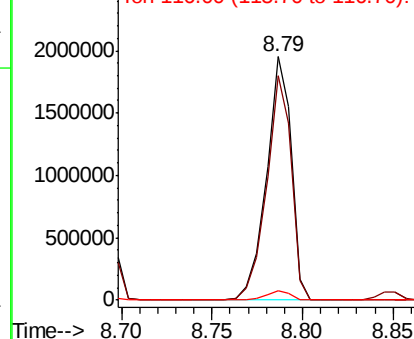
142 100

141 92.0 72.3 108.5

116 4.0 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

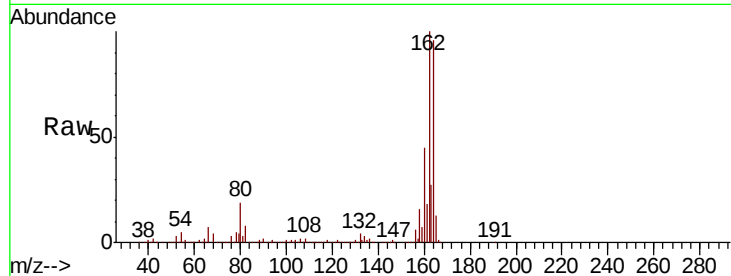




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	81.4	122.2
160	46.8	36.6	54.8

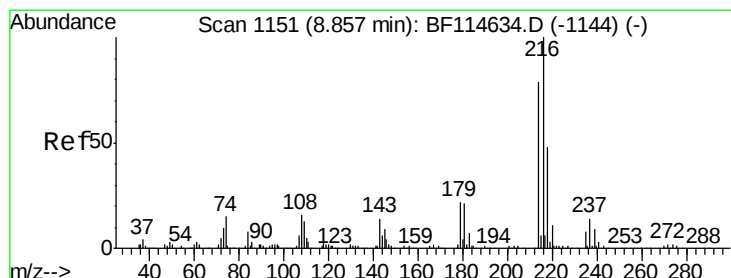
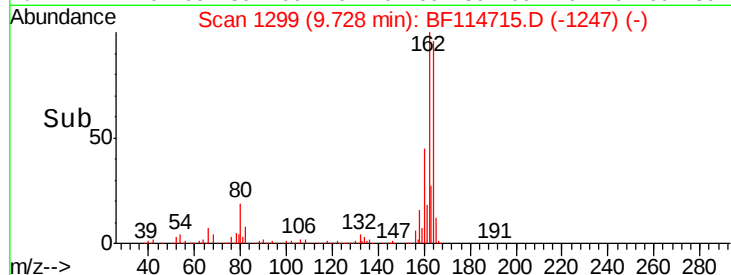
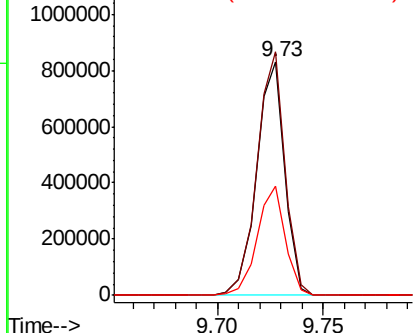


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.001 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.2	94.8
179	22.7	17.9	26.9
108	19.0	15.8	23.8

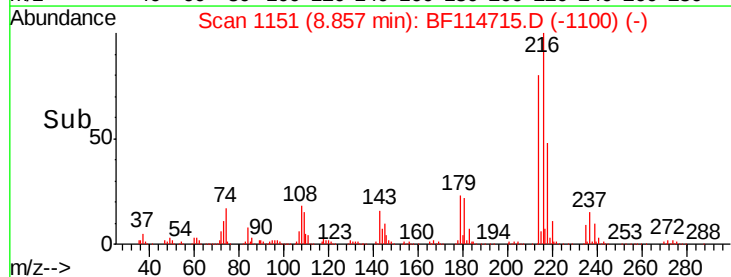
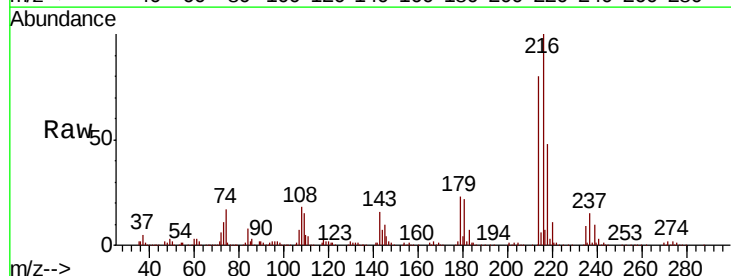
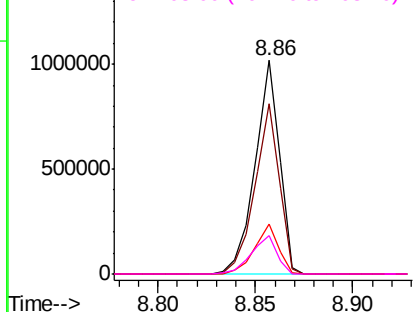
Abundance

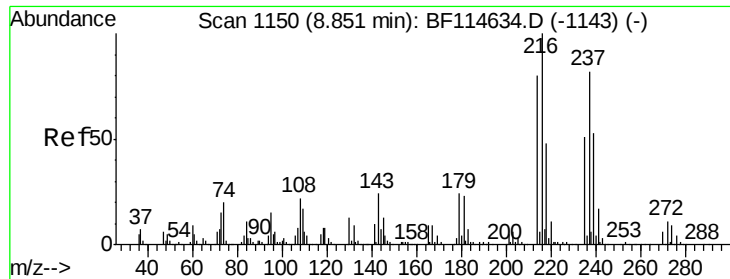
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 33.803 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

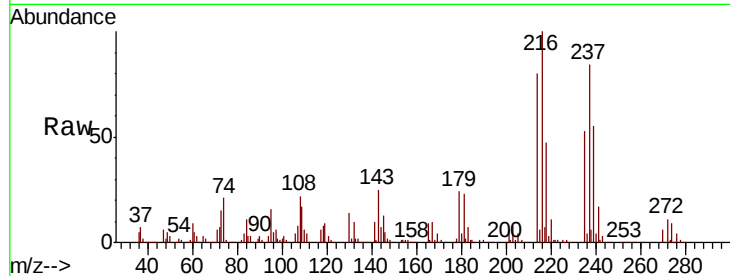
Tot Ion:237 Resp: 457788

Ion Ratio Lower Upper

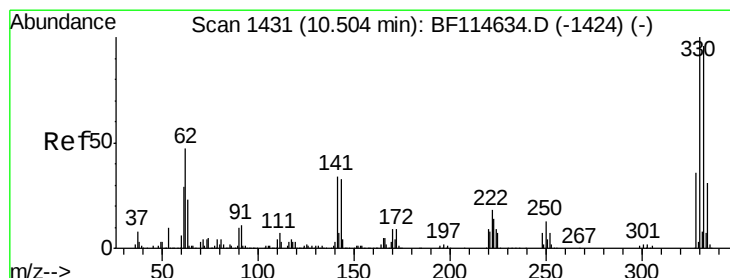
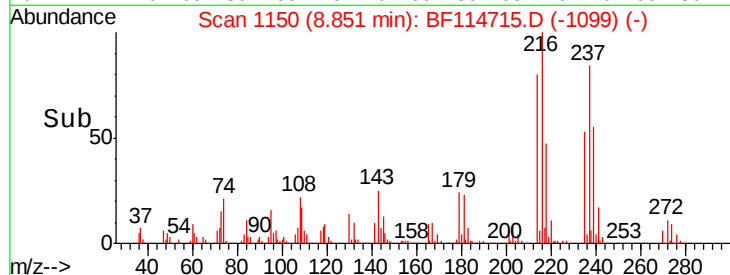
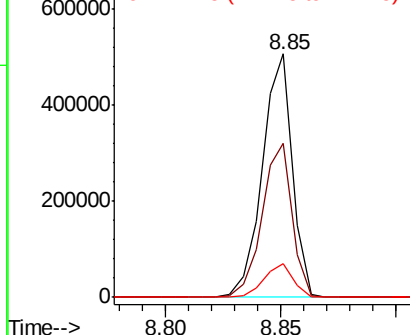
237 100

235 63.1 42.8 82.8

272 13.6 0.0 33.7



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 84.403 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.01 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

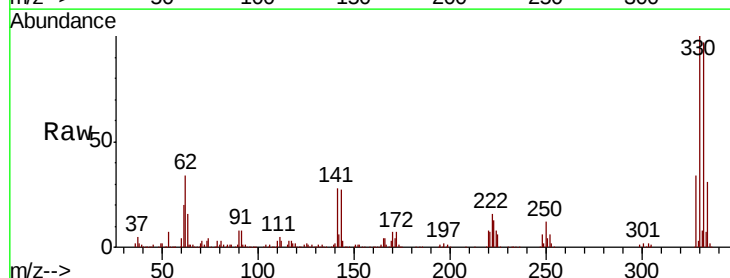
Tgt Ion:330 Resp: 618891

Ion Ratio Lower Upper

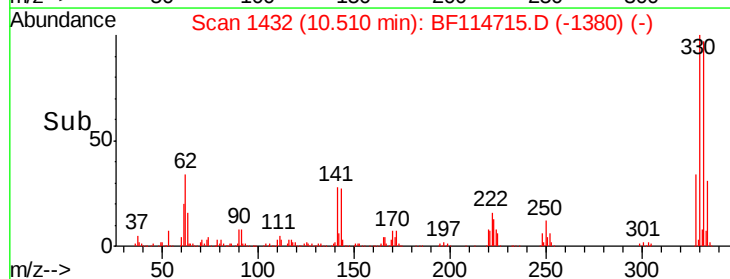
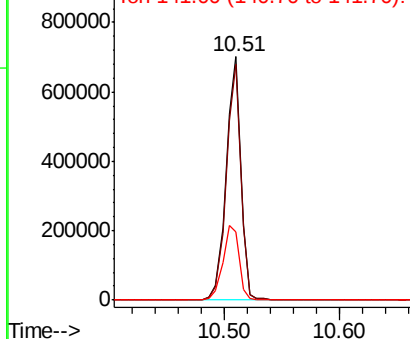
330 100

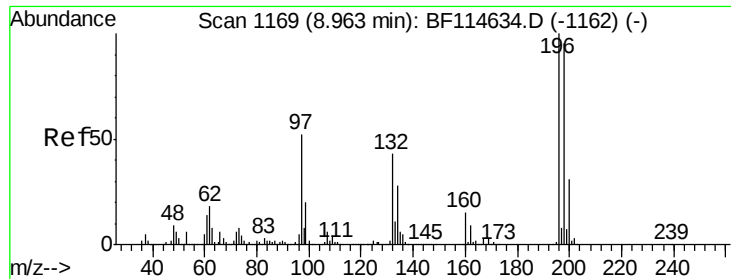
332 96.6 75.8 113.8

141 33.8 27.8 41.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

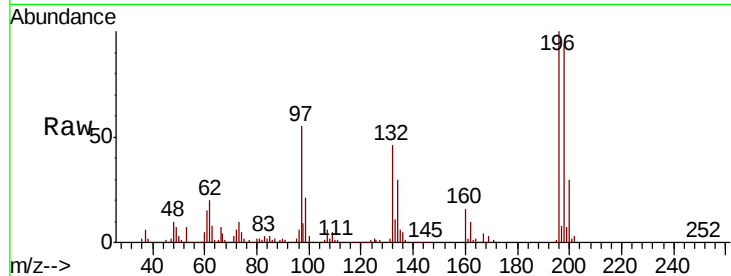




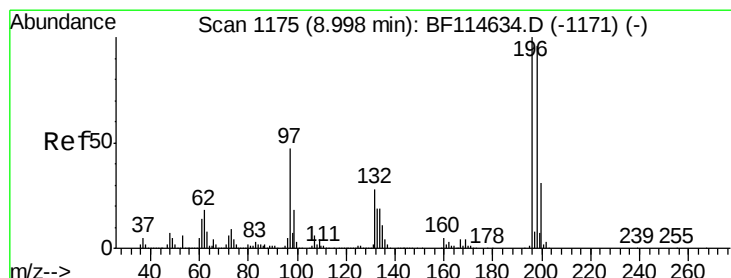
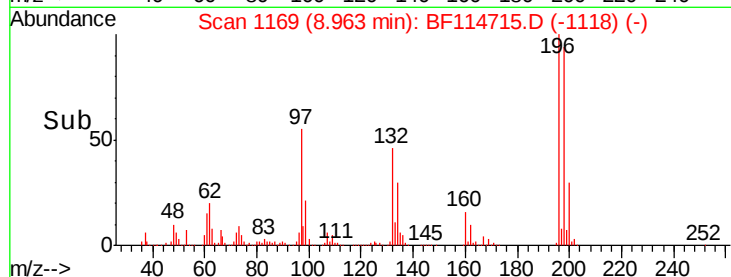
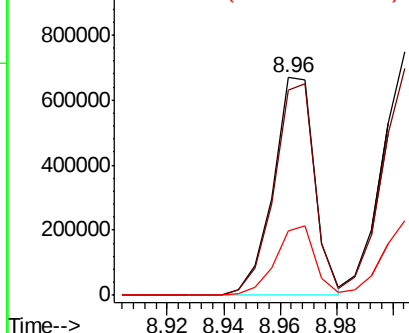
#43
 2,4,6-Trichlorophenol
 Concen: 42.040 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:196	Resp:	677911
Ion	Ratio	Lower Upper
196	100	
198	94.5	76.1 114.1
200	29.8	24.7 37.1

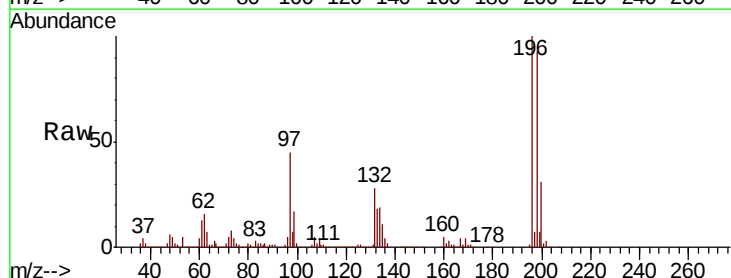


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

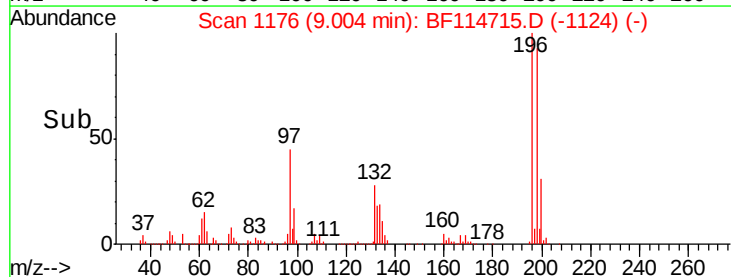
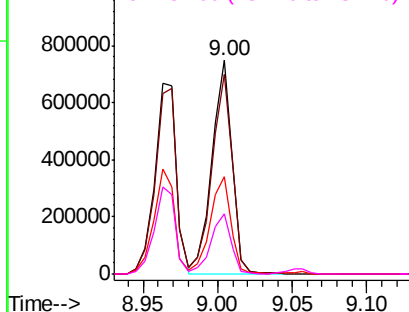


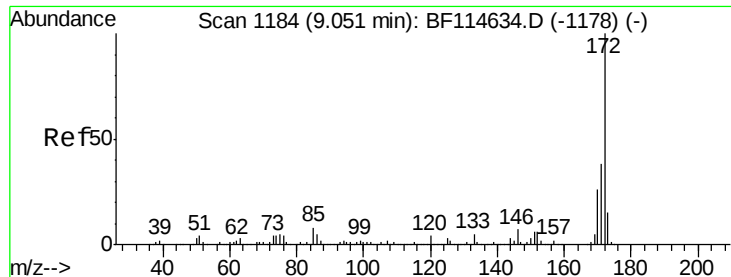
#44
 2,4,5-Trichlorophenol
 Concen: 43.128 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Tgt Ion:196	Resp:	693988
Ion	Ratio	Lower Upper
196	100	
198	93.3	76.8 115.2
97	45.4	37.8 56.8
132	28.2	22.6 33.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

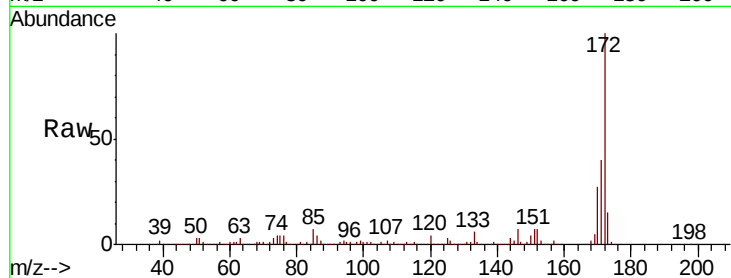




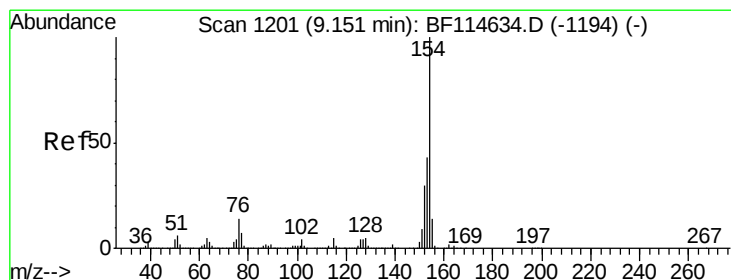
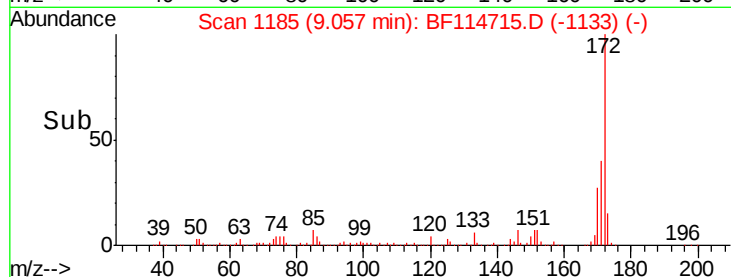
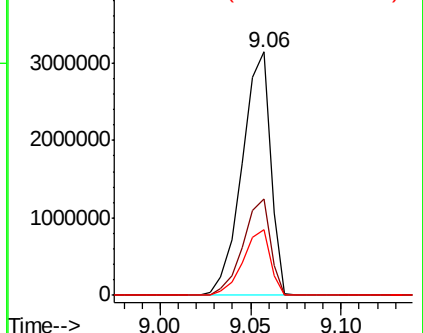
#45
 2-Fluorobiphenyl
 Concen: 83.573 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:172 Resp: 3434693
 Ion Ratio Lower Upper
 172 100
 171 39.6 30.6 45.8
 170 27.2 20.7 31.1

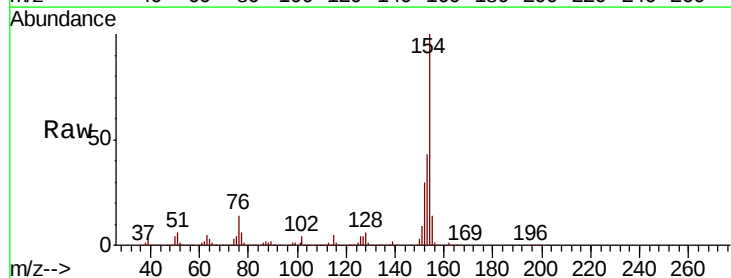


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

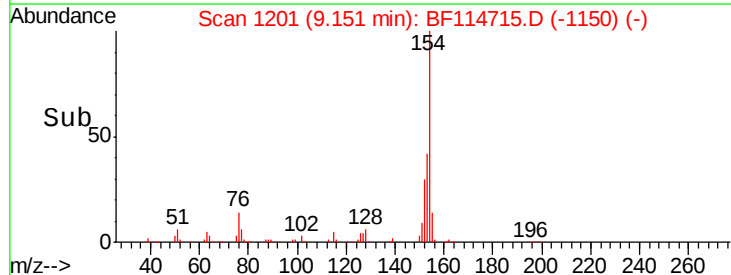
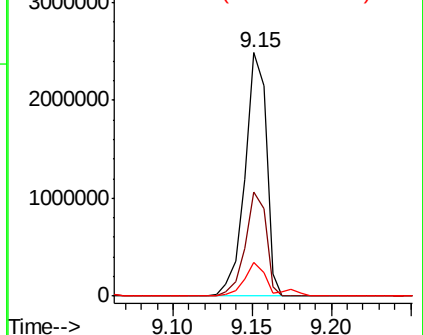


#46
 1,1'-Biphenyl
 Concen: 40.473 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Tgt Ion:154 Resp: 2311972
 Ion Ratio Lower Upper
 154 100
 153 42.5 23.0 63.0
 76 13.9 0.0 33.9



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

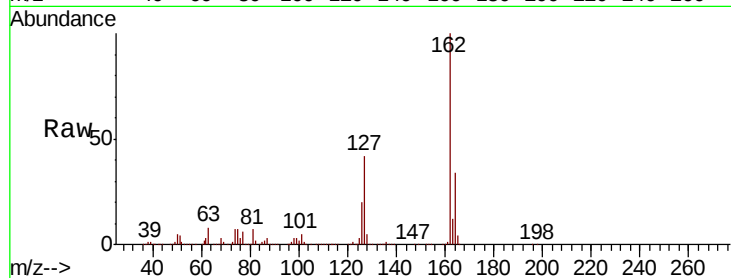




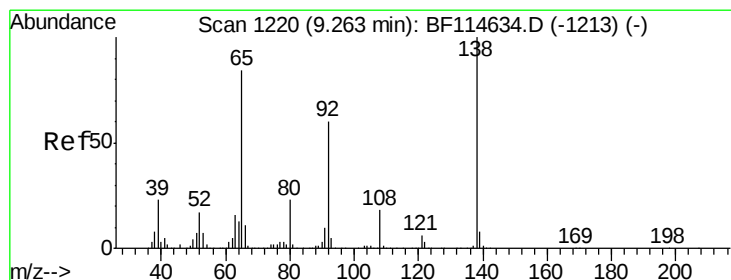
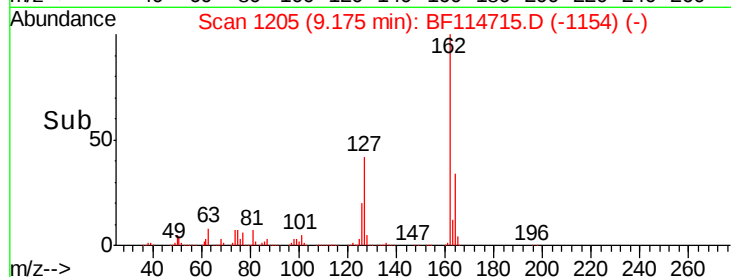
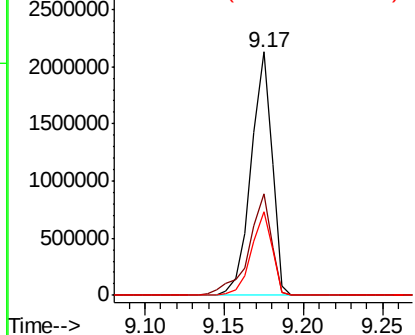
#47
 2-Chloronaphthalene
 Concen: 41.543 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:162 Resp: 1946669
 Ion Ratio Lower Upper
 162 100
 127 41.9 32.2 48.2
 164 34.3 27.8 41.6

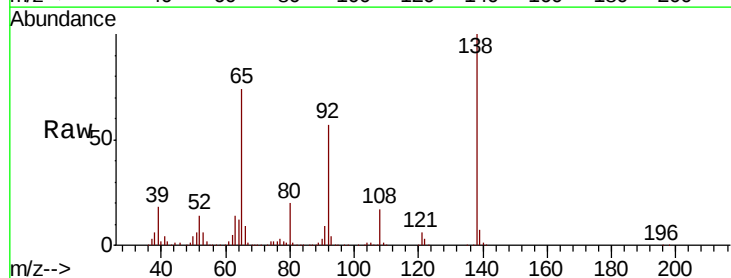


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

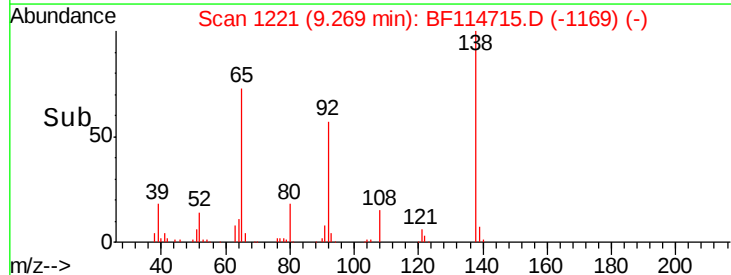
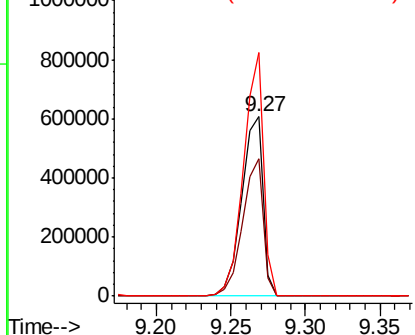


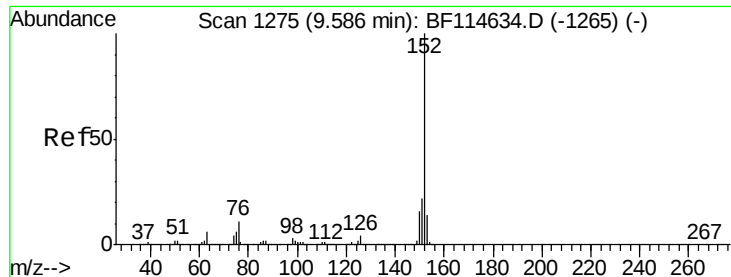
#48
 2-Nitroaniline
 Concen: 41.826 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. 0.01 min
 Lab File: BF114715.D
 Acq: 31 May 2019 18:22

Tgt Ion: 65 Resp: 604821
 Ion Ratio Lower Upper
 65 100
 92 76.9 57.1 85.7
 138 136.0 95.8 143.6



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.190 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

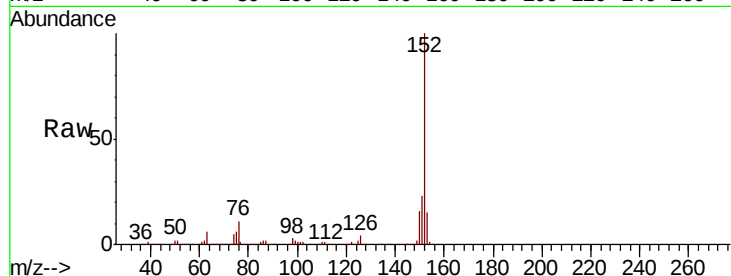
Tot Ion:152 Resp: 2836989

Ion Ratio Lower Upper

152 100

151 23.0 17.5 26.3

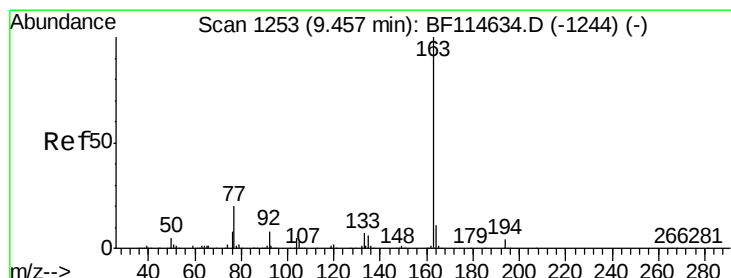
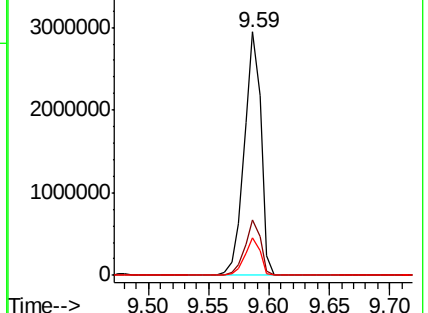
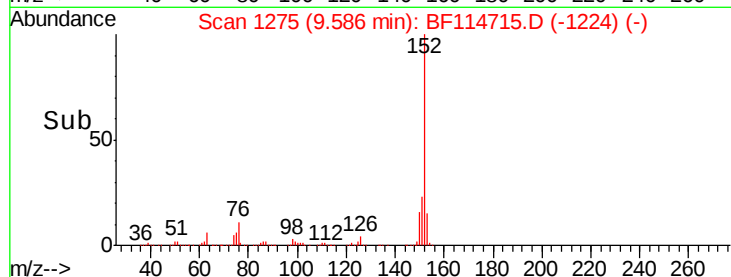
153 15.3 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.448 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

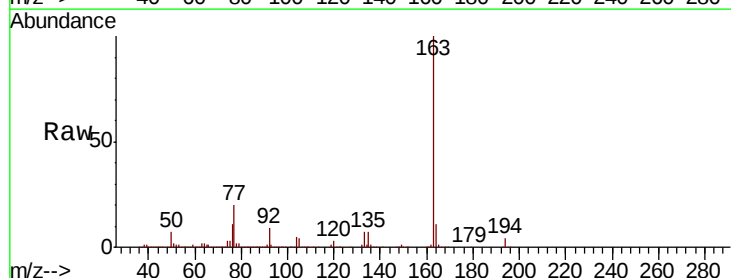
Tgt Ion:163 Resp: 2222561

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

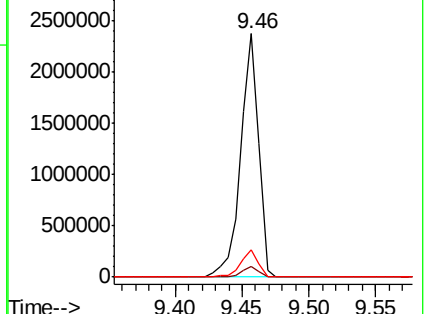
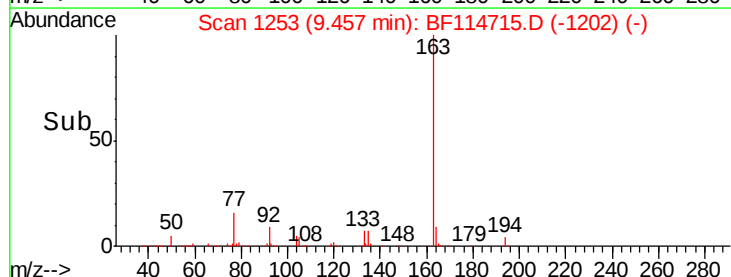
164 11.1 8.6 13.0

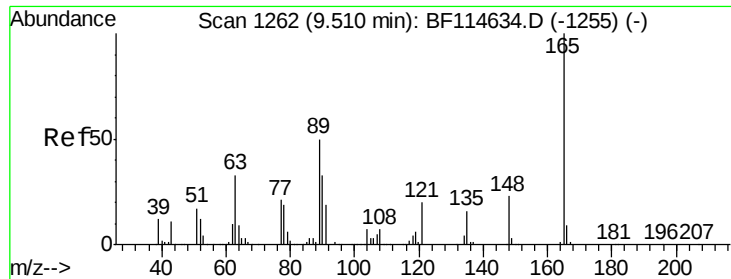


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.048 ng

RT: 9.51 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

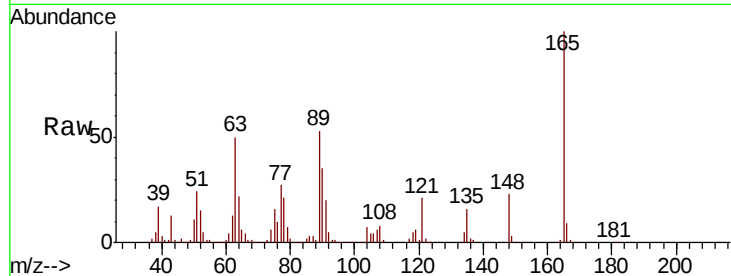
Tot Ion:165 Resp: 523920

Ion Ratio Lower Upper

165 100

63 49.9 36.6 54.8

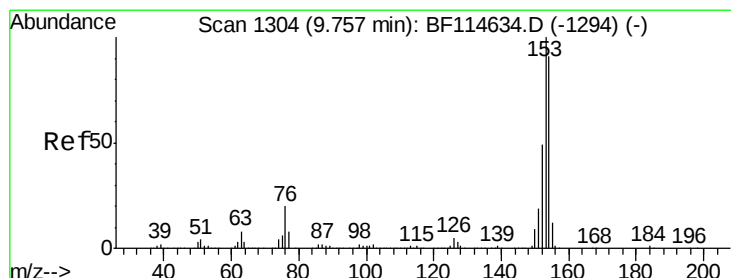
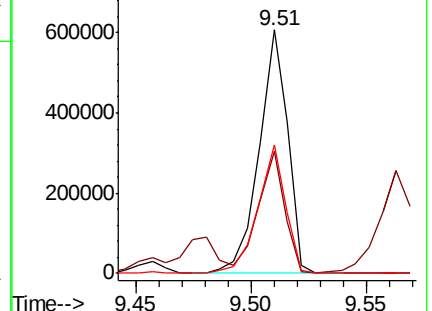
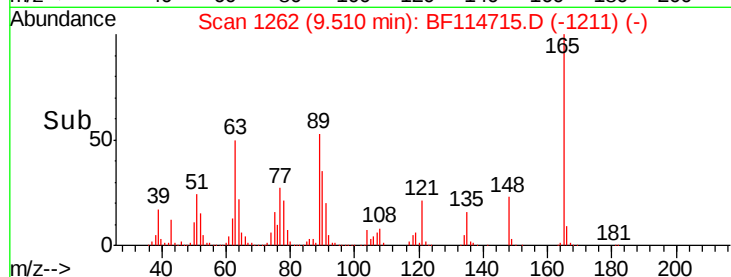
89 52.7 40.2 60.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.632 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

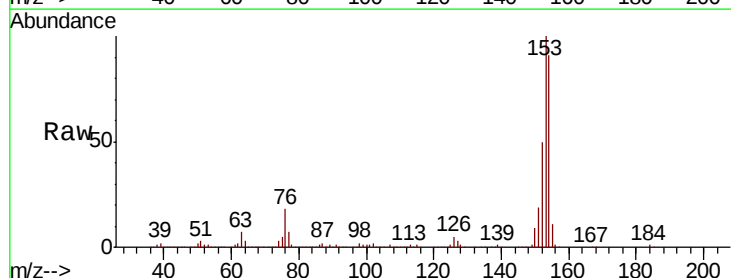
Tgt Ion:154 Resp: 1803918

Ion Ratio Lower Upper

154 100

153 110.2 88.4 132.6

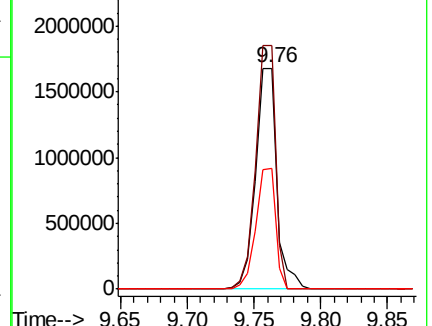
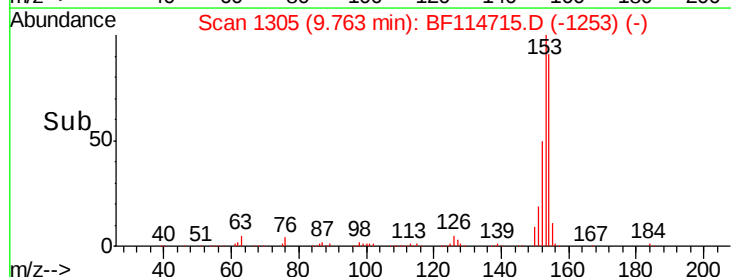
152 54.8 43.4 65.0

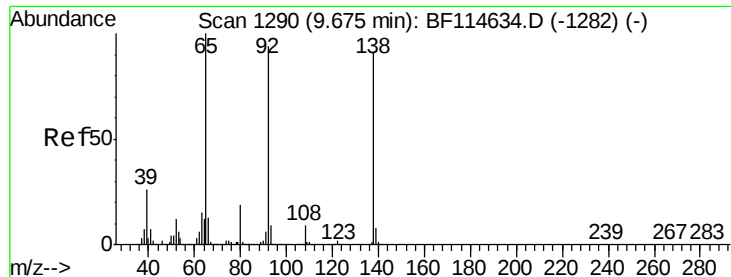


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

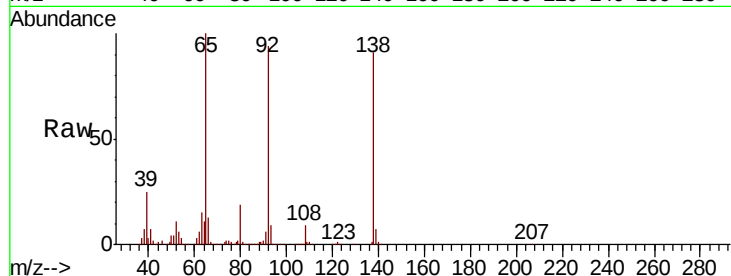




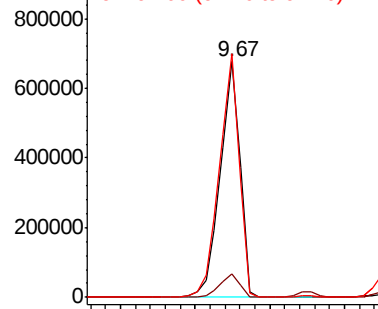
#53
3-Nitroaniline
Concen: 40.761 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

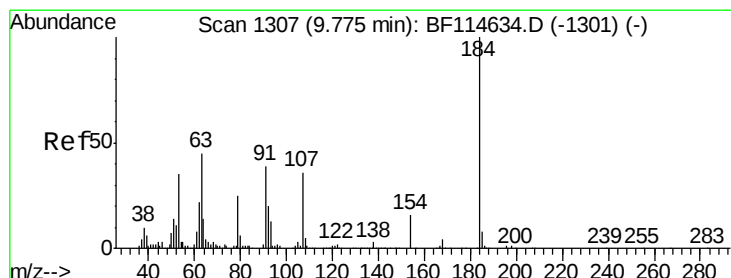
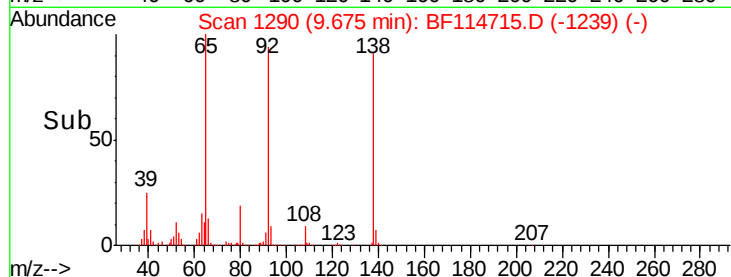
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	8.3	12.5
92	103.4	83.1	124.7



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

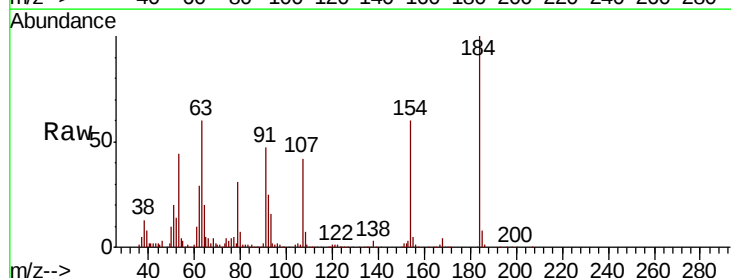


Time-->

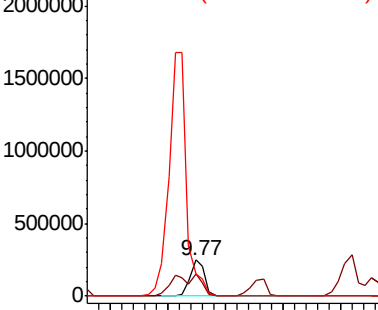


#54
2,4-Dinitrophenol
Concen: 44.748 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

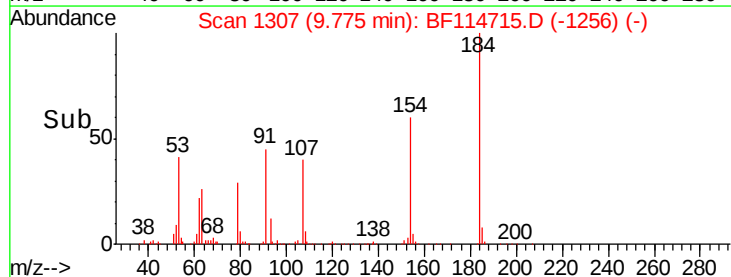
Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.4	38.8	58.2#
154	60.4	43.7	65.5

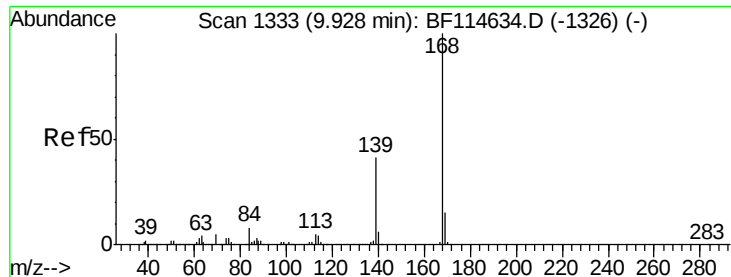


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E



Time-->

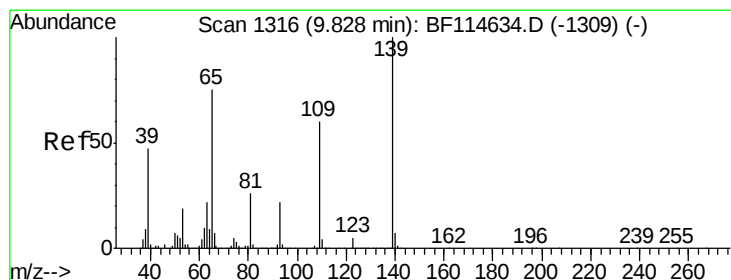
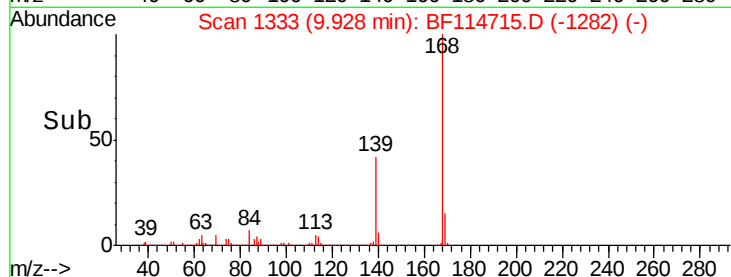
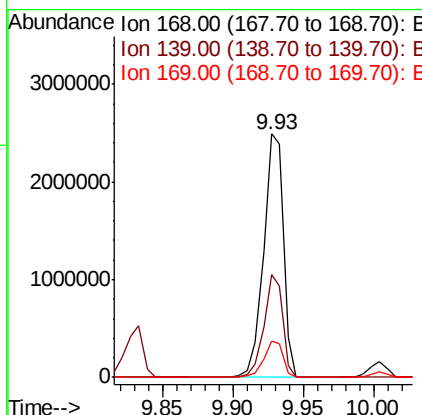
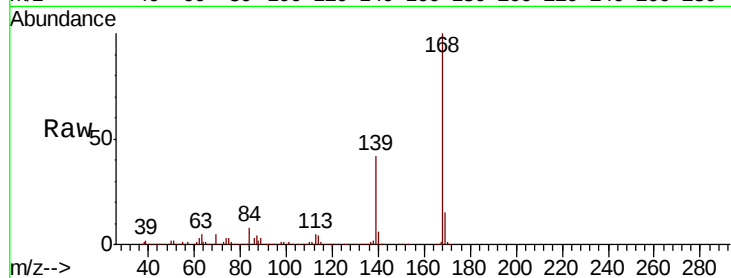




#55
Dibenzofuran
Concen: 39.158 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

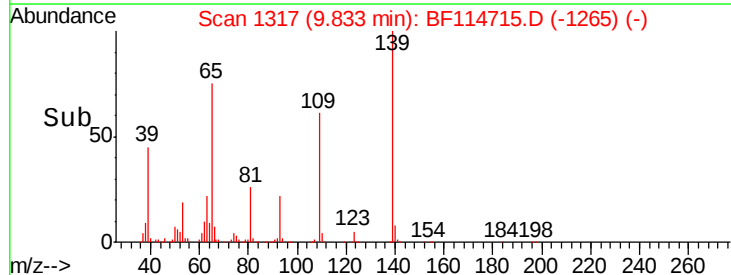
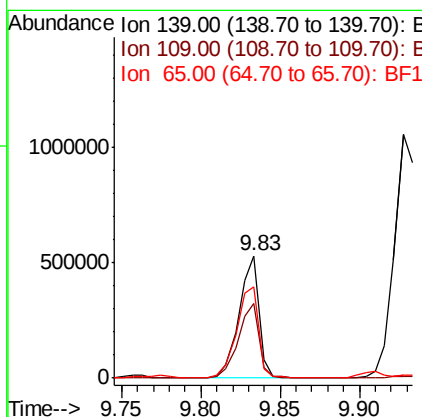
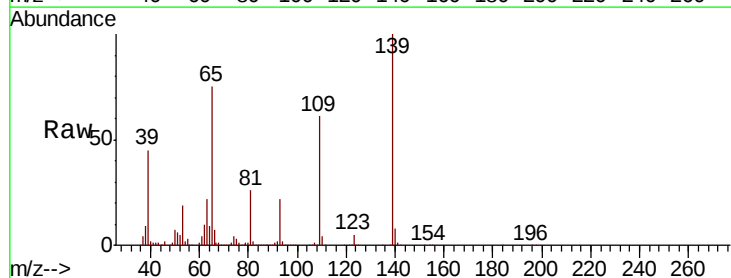
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

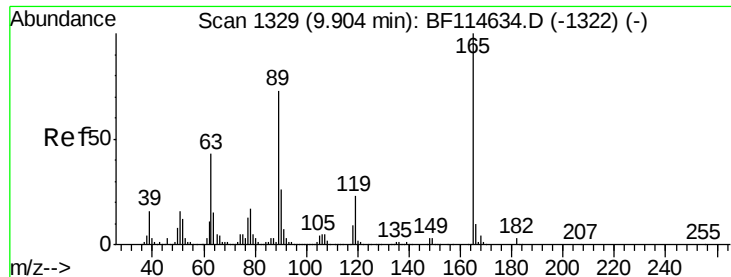
Tot Ion:168 Resp: 2474601
Ion Ratio Lower Upper
168 100
139 42.3 32.6 48.8
169 15.1 11.8 17.8



#56
4-Nitrophenol
Concen: 41.246 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Tgt Ion:139 Resp: 466120
Ion Ratio Lower Upper
139 100
109 61.4 40.4 80.4
65 74.8 54.7 94.7

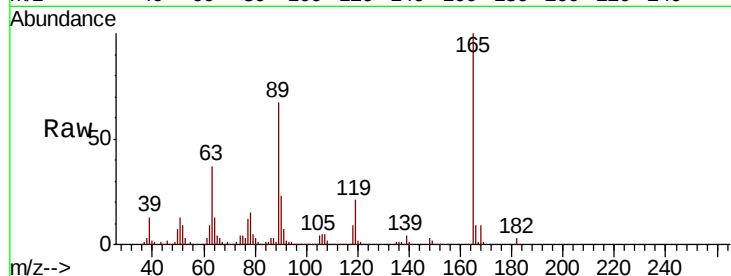




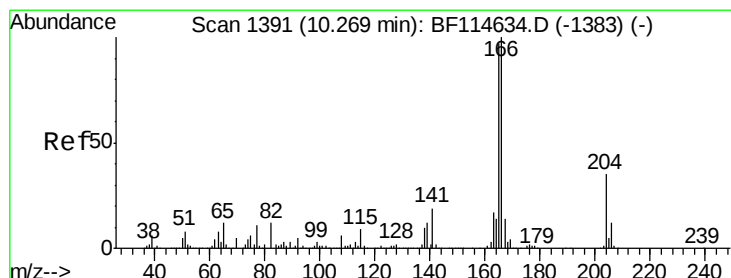
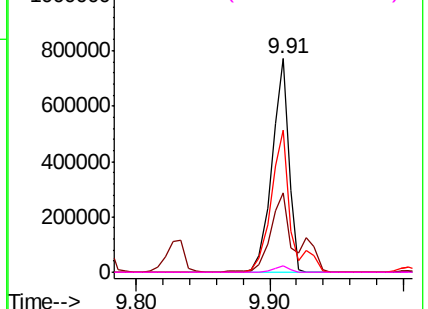
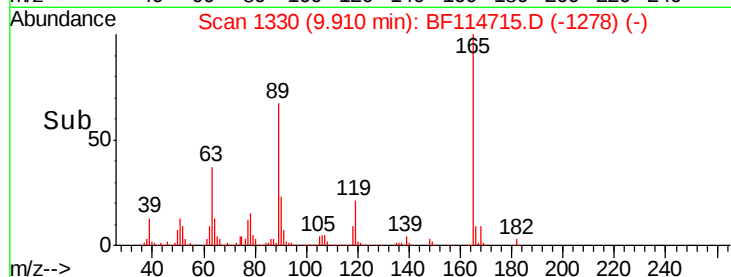
#57
2,4-Dinitrotoluene
Concen: 42.340 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:165 Resp: 677073
Ion Ratio Lower Upper
165 100
63 37.1 34.8 52.2
89 66.6 58.5 87.7
182 2.7 2.2 3.2

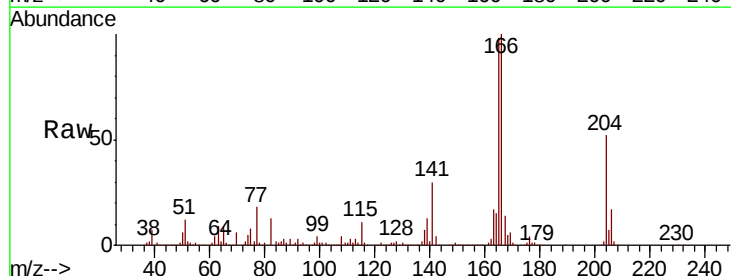


Abundance Ion 165.00 (164.70 to 165.70): E
1200000
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

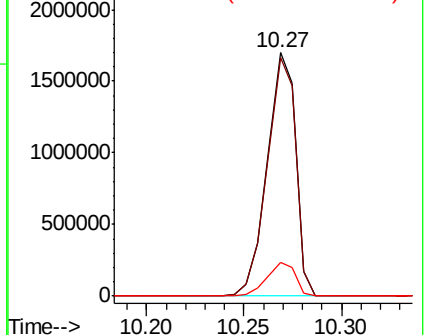
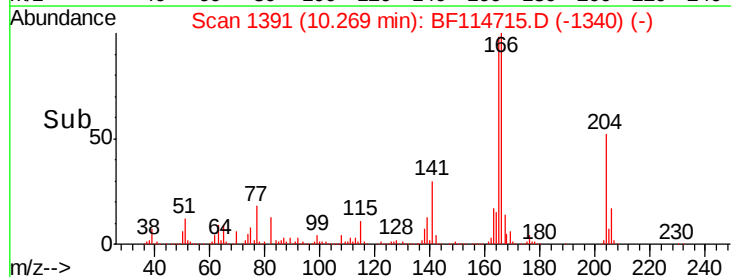


#58
Fluorene
Concen: 40.124 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Tgt Ion:166 Resp: 1727069
Ion Ratio Lower Upper
166 100
165 98.1 77.6 116.4
167 14.1 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E
2000000
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

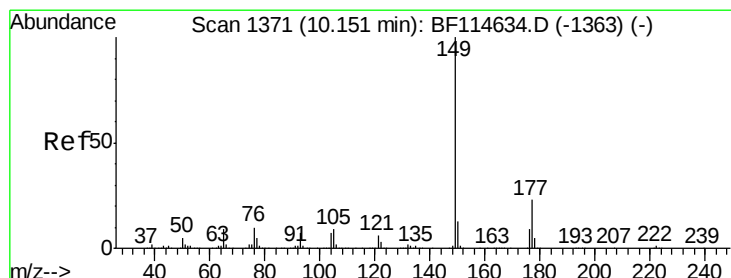
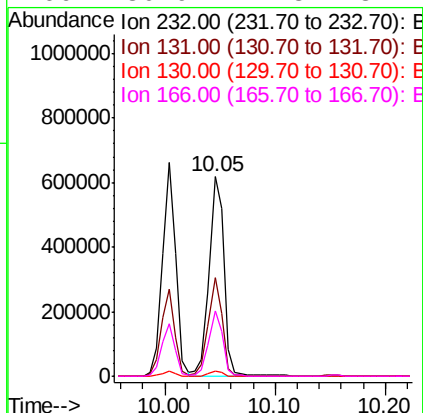
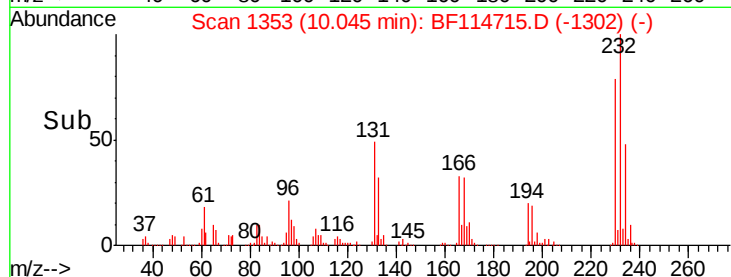
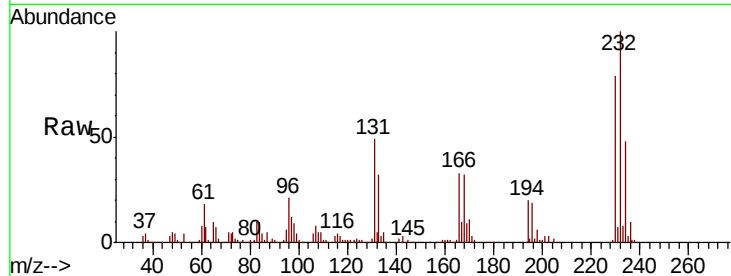




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.648 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

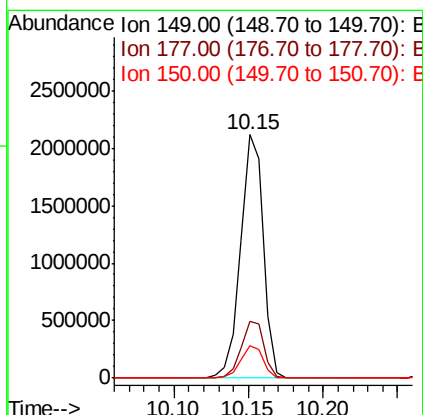
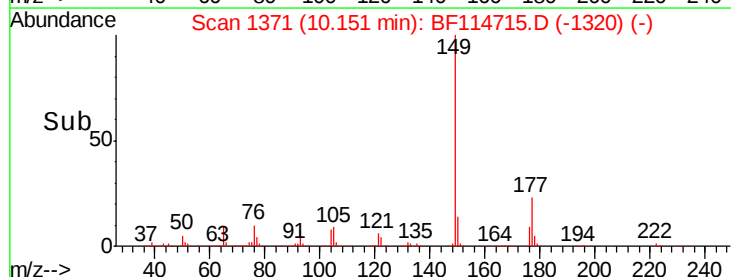
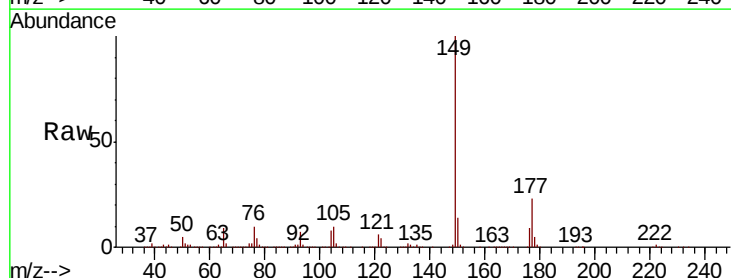
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

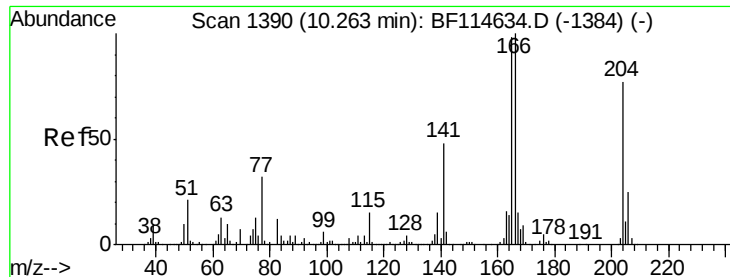
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.9	37.2	55.8
130	2.2	1.8	2.8
166	30.9	24.8	37.2



#60
Diethylphthalate
Concen: 40.721 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.6	28.0
150	13.5	10.6	15.8

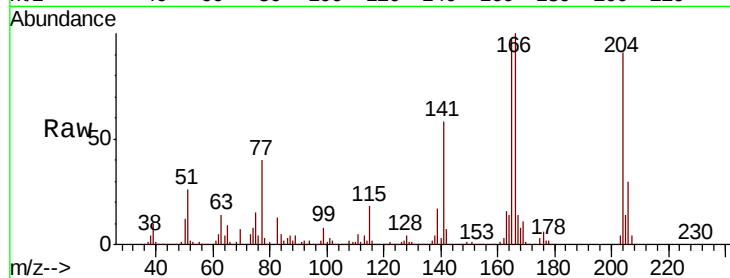




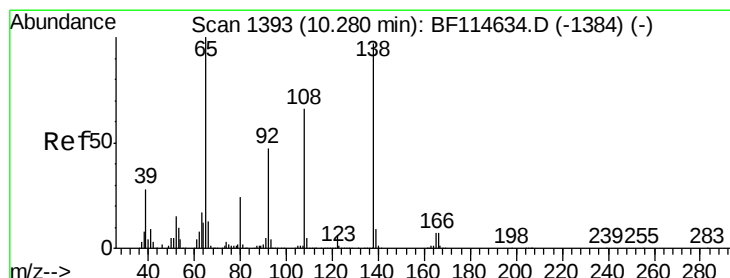
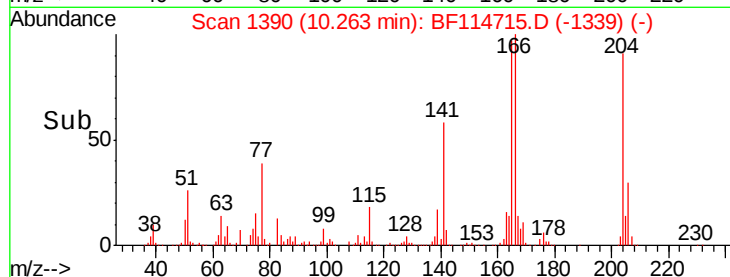
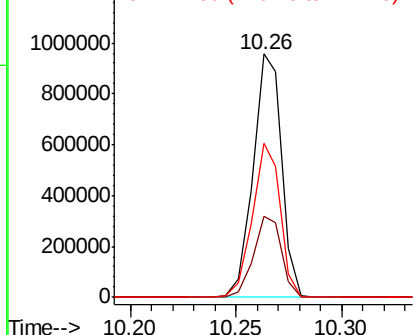
#61
4-Chlorophenyl-phenylether
Concen: 41.842 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:204 Resp: 898761
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 63.3 50.0 75.0

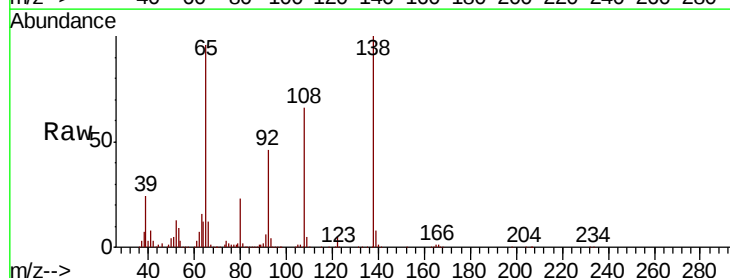


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

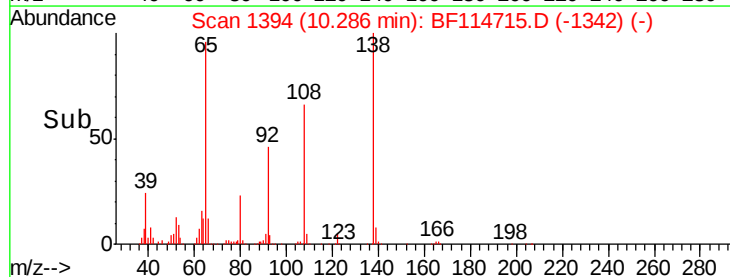
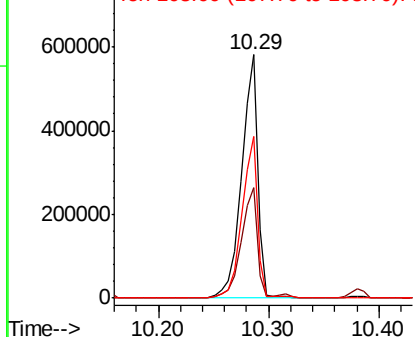


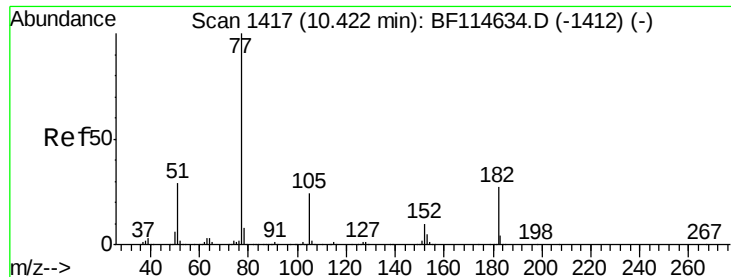
#62
4-Nitroaniline
Concen: 40.389 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Tgt Ion:138 Resp: 600182
Ion Ratio Lower Upper
138 100
92 45.6 28.0 68.0
108 66.2 48.4 88.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 38.522 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

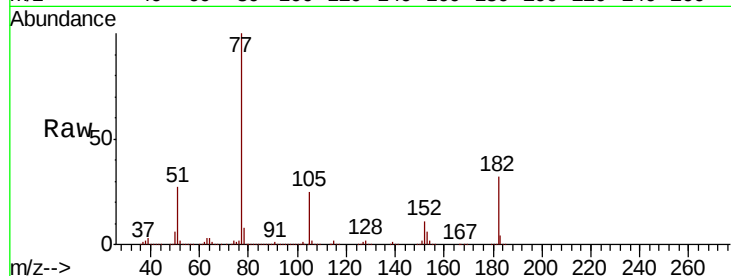
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 1937017

Ion	Ratio	Lower	Upper
77	100		
182	31.9	7.0	47.0
105	25.3	3.7	43.7
51	27.5	9.1	49.1

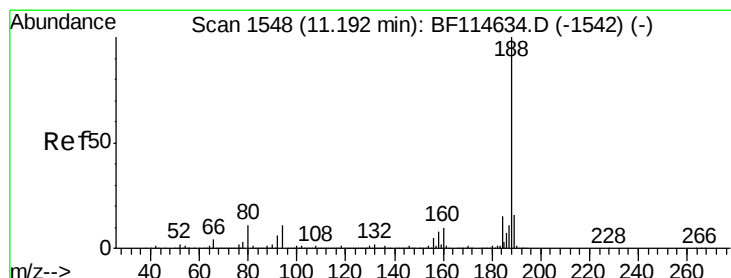
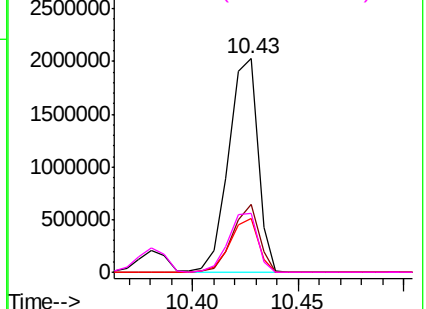
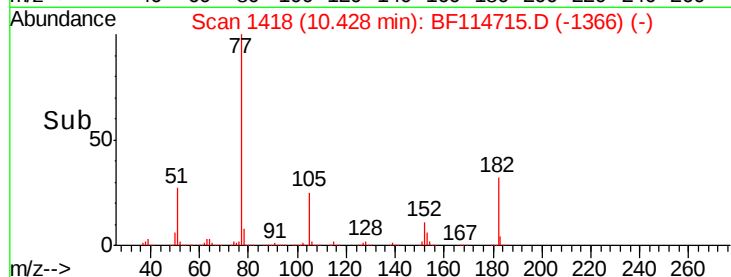


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

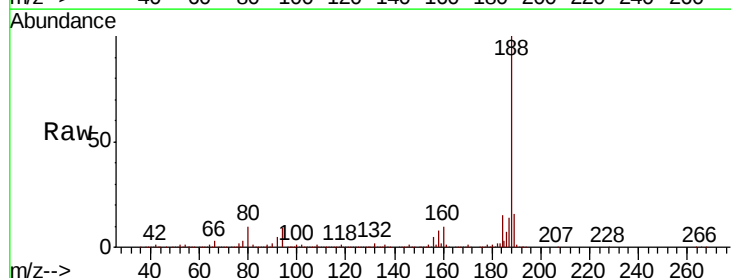
Delta R.T. 0.01 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Tgt Ion: 188 Resp: 1446447

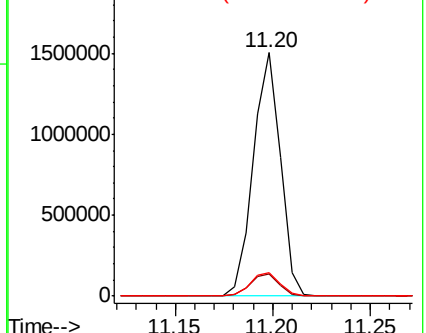
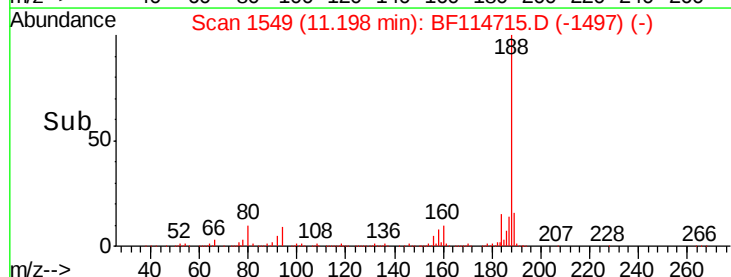
Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.6	13.0
80	9.8	9.0	13.6

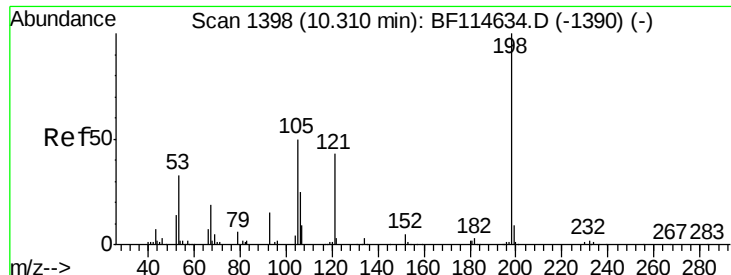


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

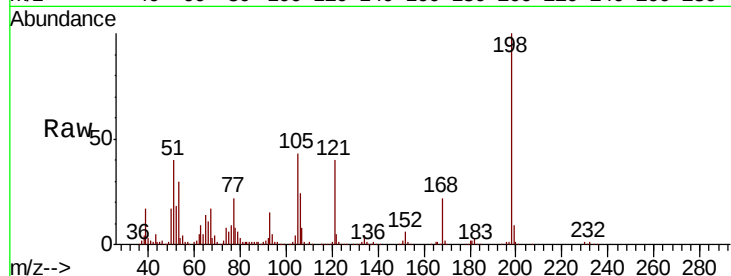




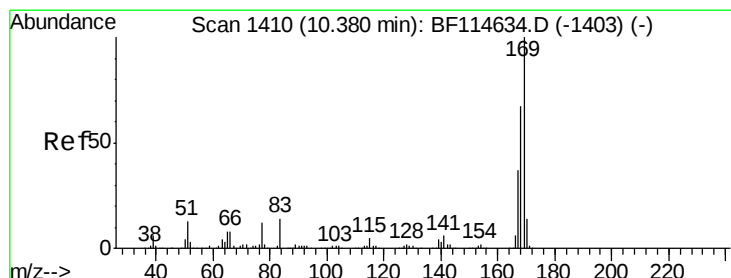
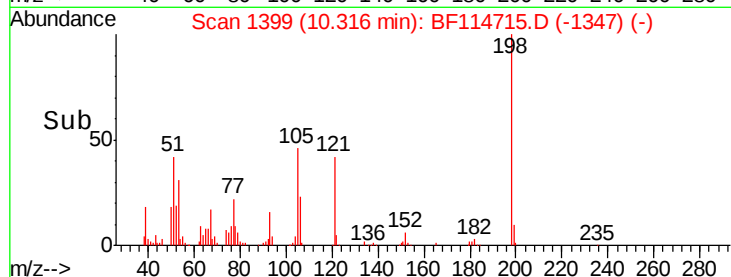
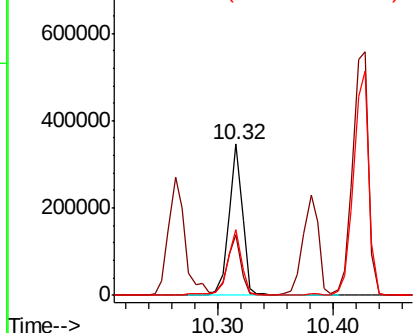
#65
4,6-Dinitro-2-methylphenol
Concen: 43.783 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:198 Resp: 280809
Ion Ratio Lower Upper
198 100
51 40.0 29.0 69.0
105 43.2 30.4 70.4

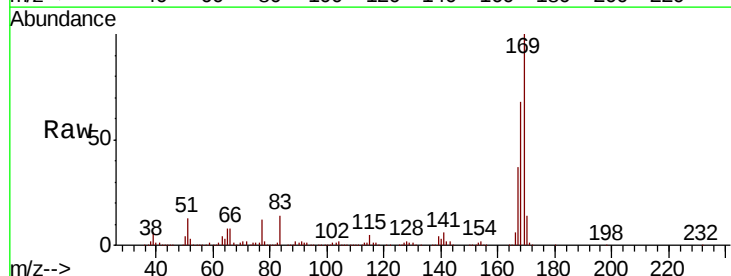


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

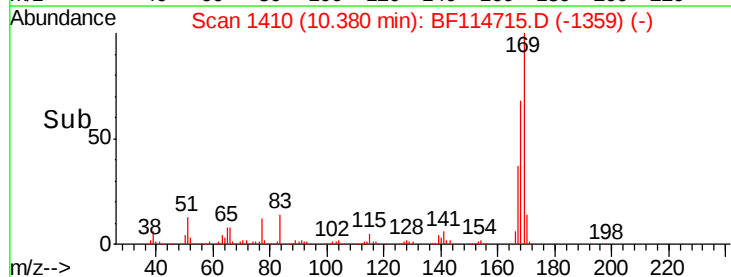
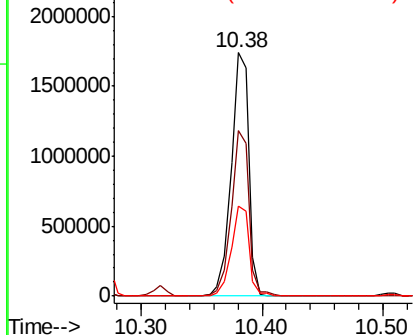


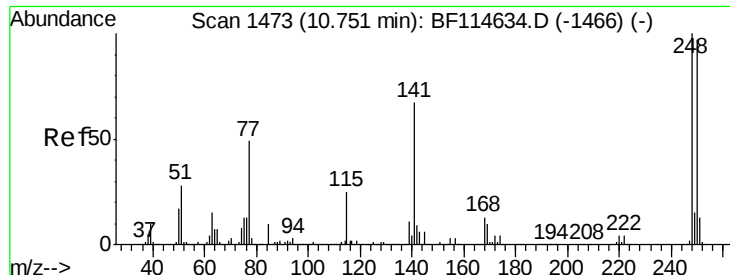
#66
n-Nitrosodiphenylamine
Concen: 41.244 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Tgt Ion:169 Resp: 1762595
Ion Ratio Lower Upper
169 100
168 68.0 53.8 80.8
167 37.1 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

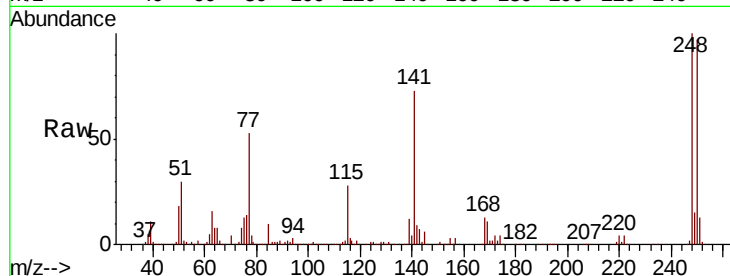




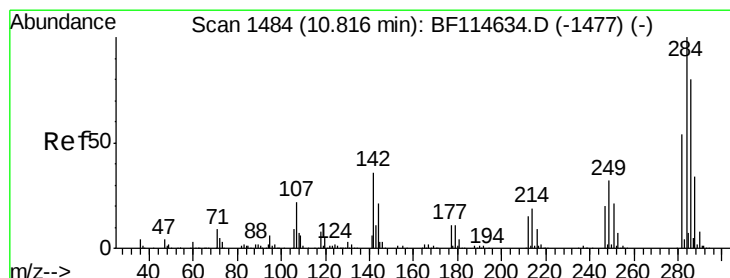
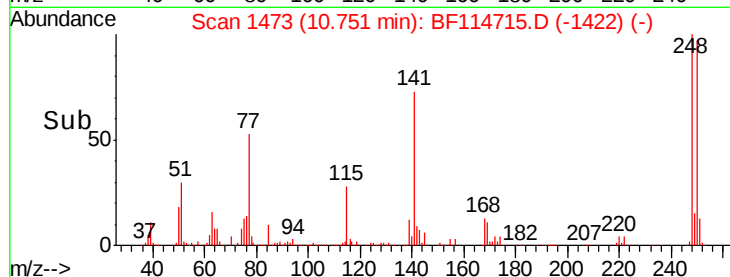
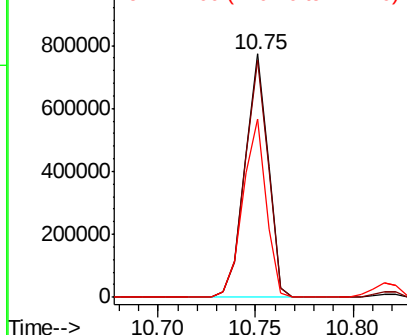
#67
4-Bromophenyl-phenylether
Concen: 41.226 ng
RT: 10.75 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:248 Resp: 639473
Ion Ratio Lower Upper
248 100
250 97.4 78.0 117.0
141 73.0 53.8 80.8

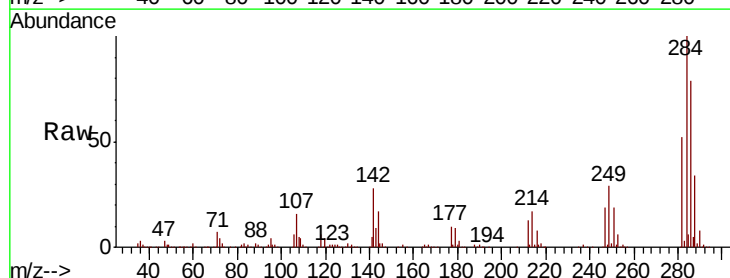


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

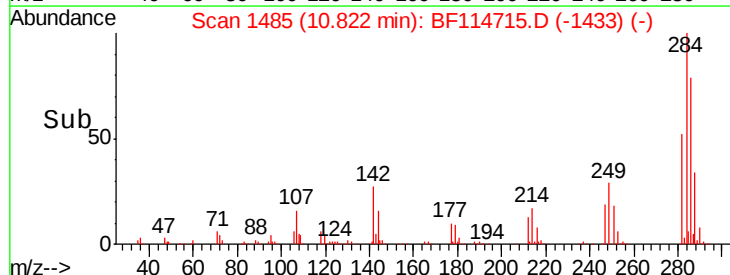
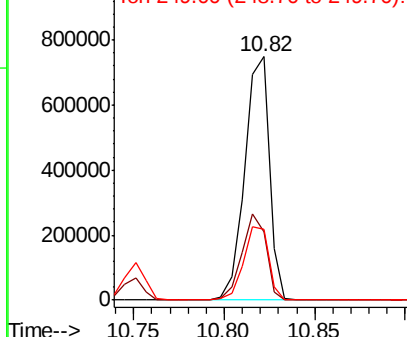


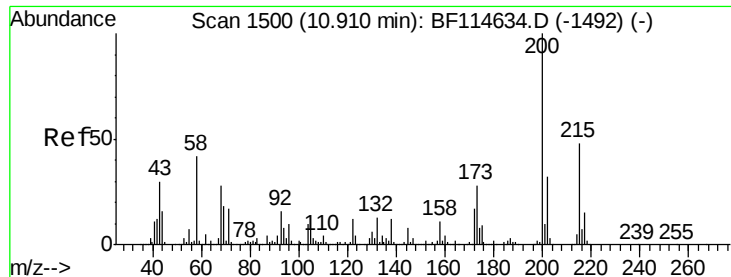
#68
Hexachlorobenzene
Concen: 41.995 ng
RT: 10.82 min Scan# 1485
Delta R.T. 0.01 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Tgt Ion:284 Resp: 705549
Ion Ratio Lower Upper
284 100
142 28.3 28.9 43.3#
249 29.3 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.183 ng

RT: 10.91 min Scan# 1500

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

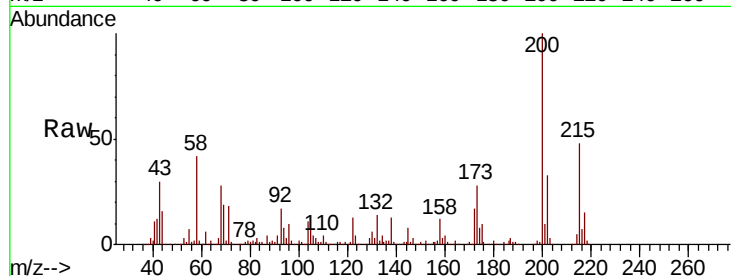
Tot Ion:200 Resp: 560836

Ion Ratio Lower Upper

200 100

173 28.3 7.9 47.9

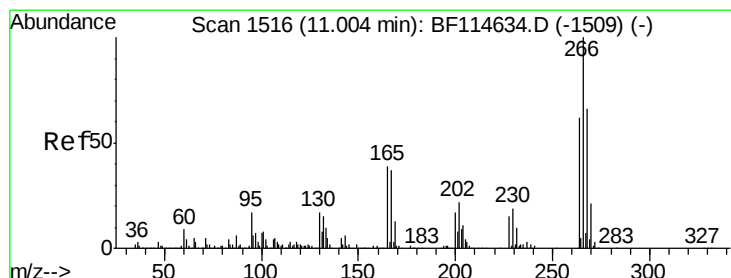
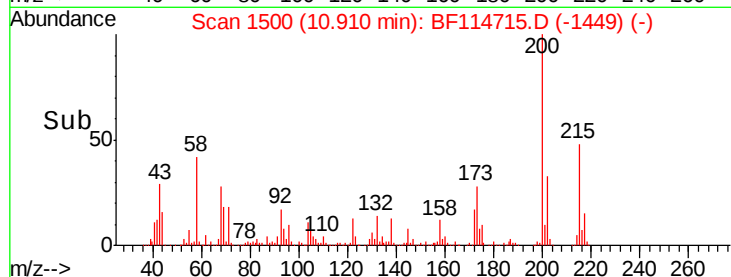
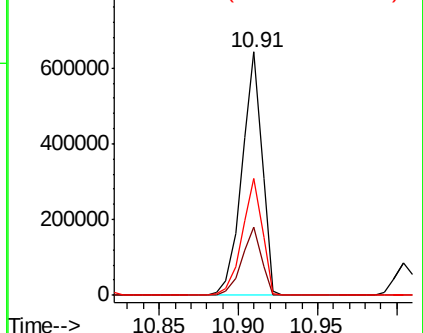
215 48.1 27.8 67.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 42.653 ng

RT: 11.00 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

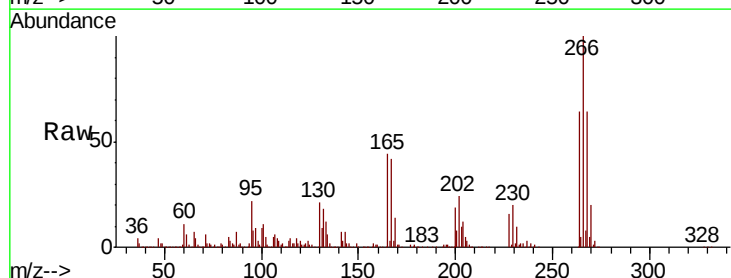
Tgt Ion:266 Resp: 413078

Ion Ratio Lower Upper

266 100

268 63.7 52.8 79.2

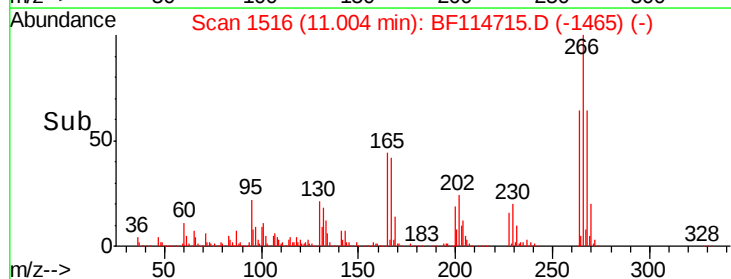
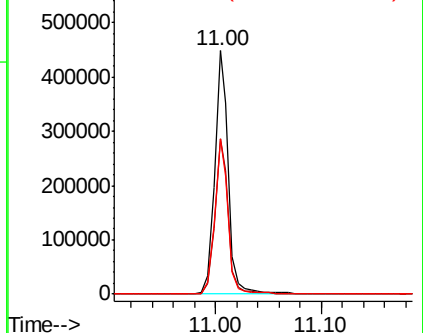
264 63.7 49.9 74.9

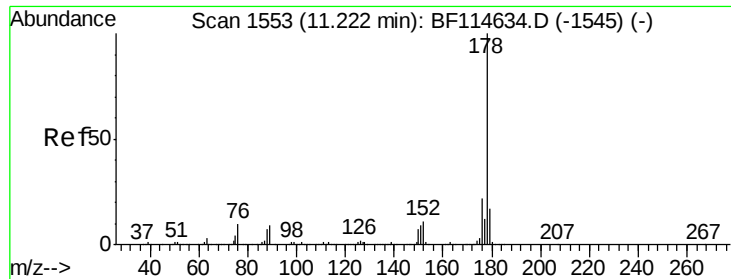


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

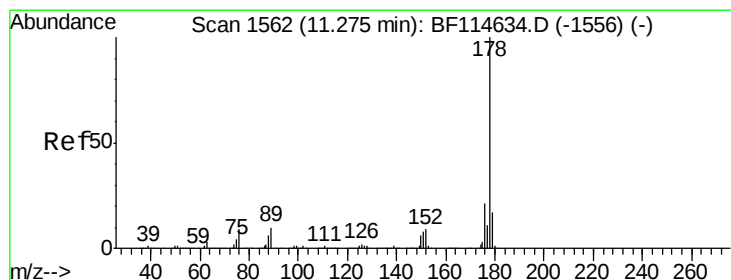
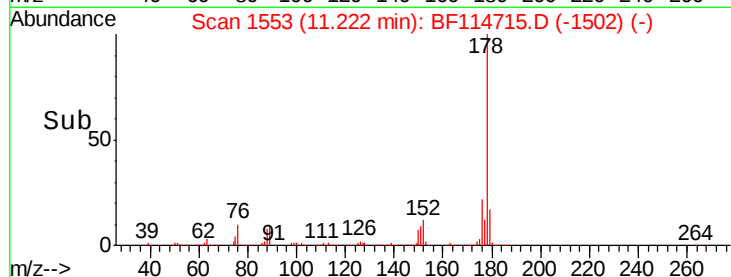
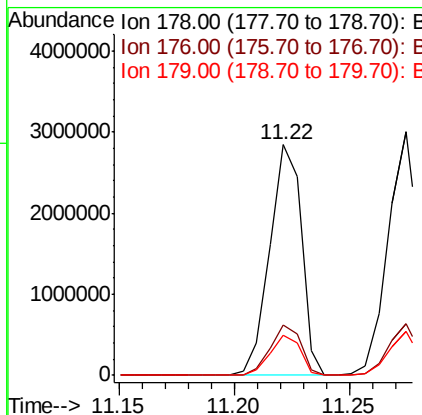
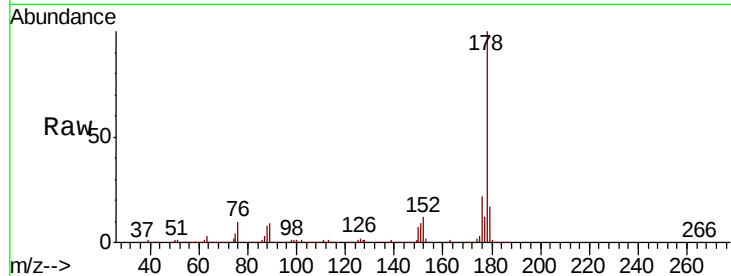




#71
Phenanthrene
Concen: 36.815 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

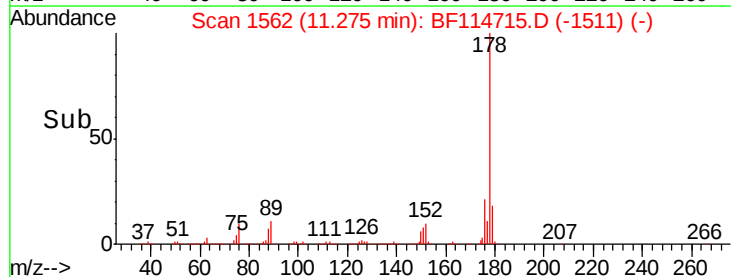
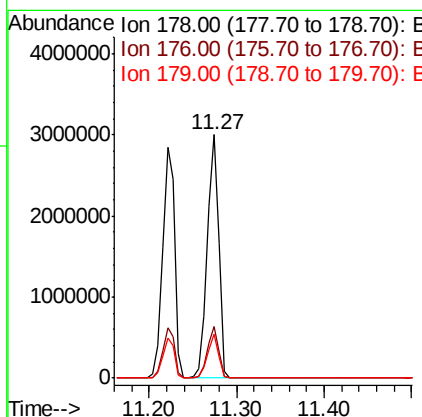
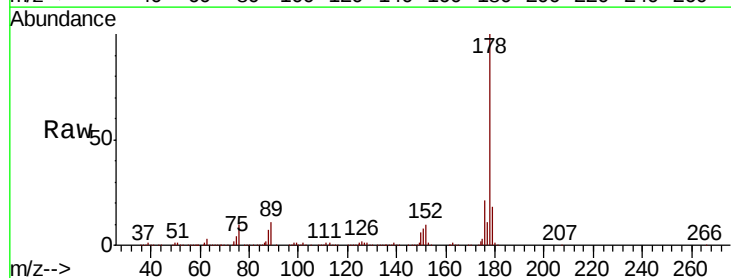
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

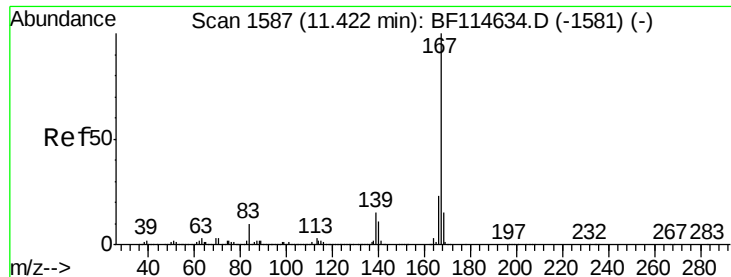
Tot Ion:178 Resp: 2716448
Ion Ratio Lower Upper
178 100
176 21.8 17.2 25.8
179 17.3 13.9 20.9



#72
Anthracene
Concen: 36.842 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Tgt Ion:178 Resp: 2751278
Ion Ratio Lower Upper
178 100
176 21.1 16.6 24.8
179 17.8 13.4 20.0





#73

Carbazole

Concen: 37.540 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

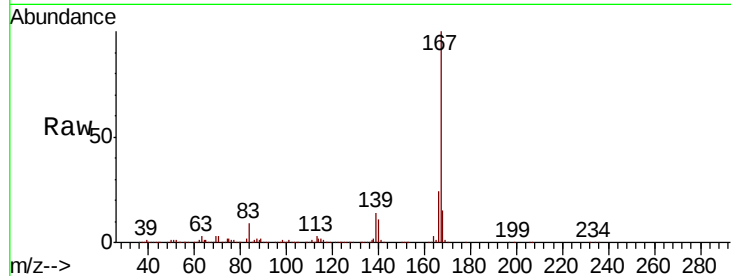
Tot Ion:167 Resp: 2463846

Ion Ratio Lower Upper

167 100

166 23.5 18.7 28.1

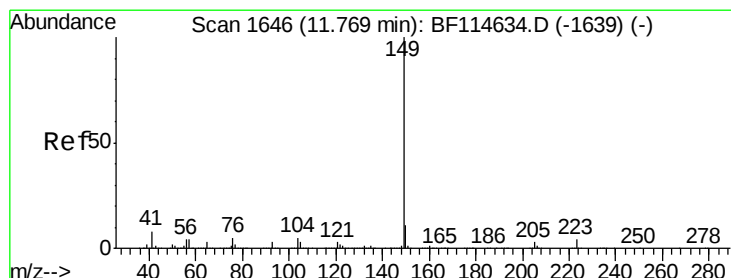
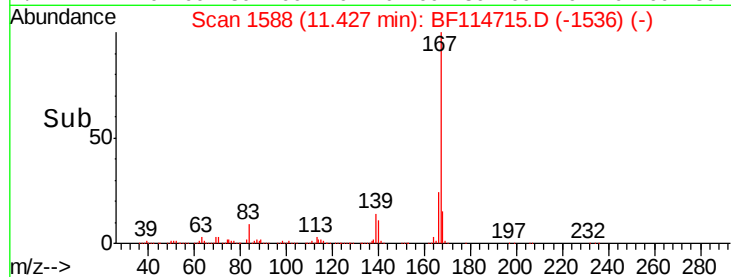
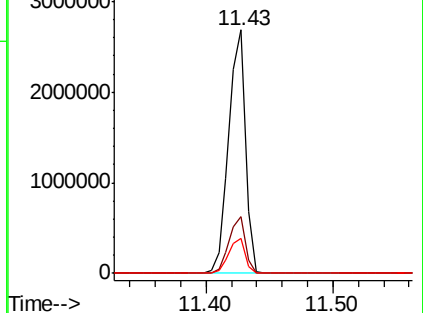
139 14.5 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.406 ng

RT: 11.77 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

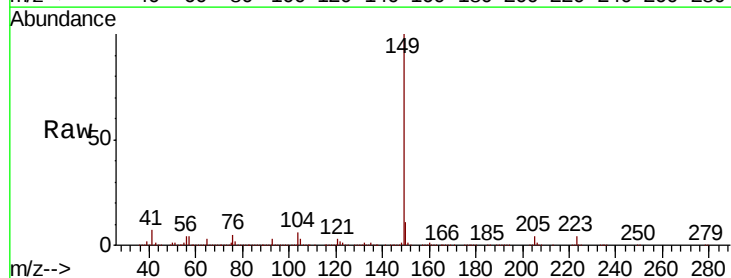
Tgt Ion:149 Resp: 3158379

Ion Ratio Lower Upper

149 100

150 11.0 8.6 12.8

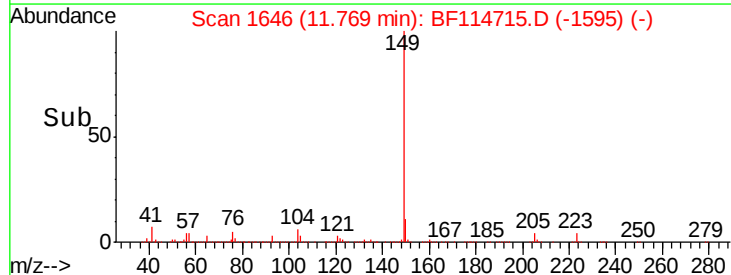
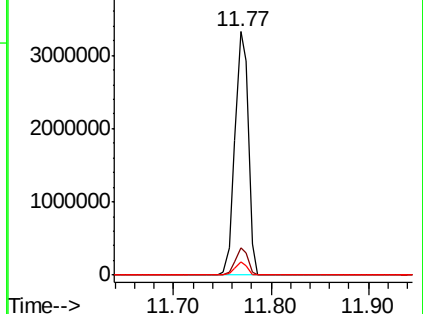
104 5.5 4.3 6.5

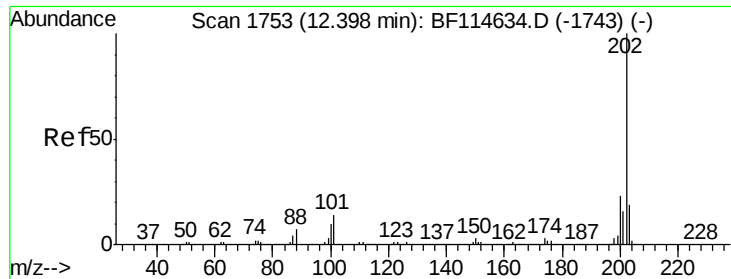


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 35.125 ng

RT: 12.40 min Scan# 1754

Delta R.T. 0.01 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

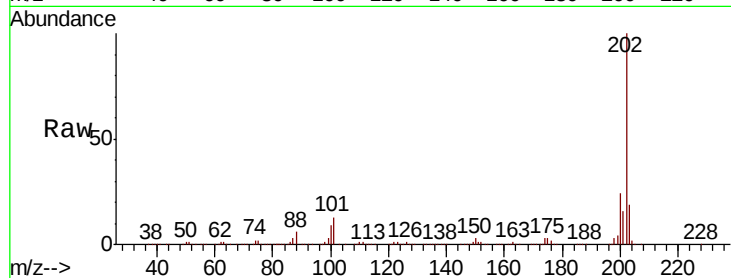
Tot Ion:202 Resp: 2683669

Ion Ratio Lower Upper

202 100

101 12.6 0.0 33.9

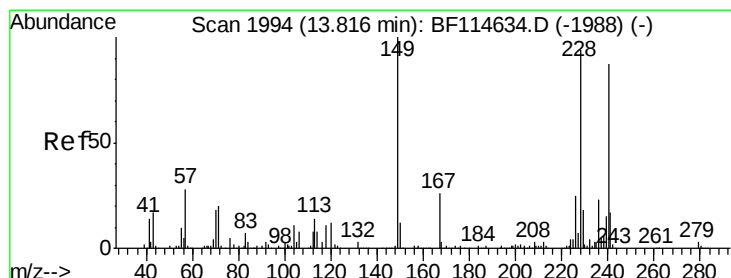
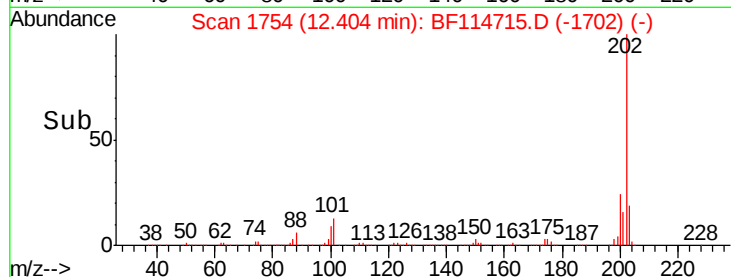
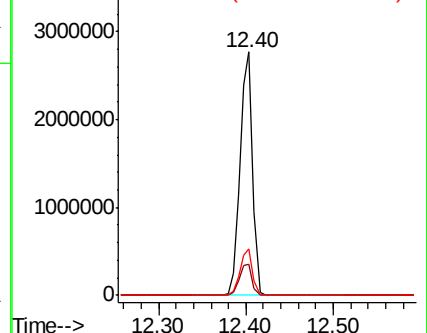
203 18.9 0.0 39.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

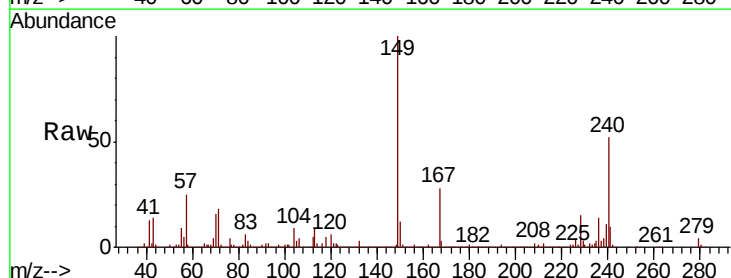
Tgt Ion:240 Resp: 780691

Ion Ratio Lower Upper

240 100

120 11.5 11.2 16.8

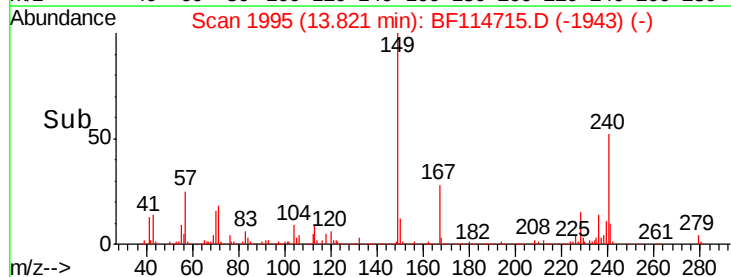
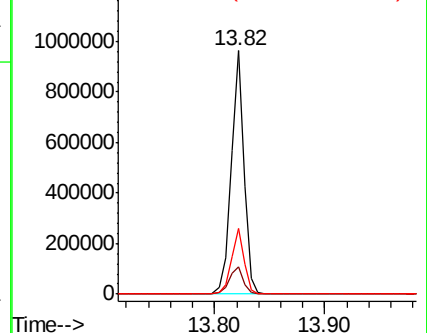
236 27.0 21.2 31.8

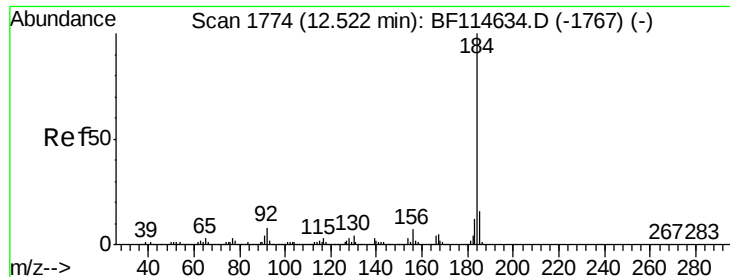


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.284 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

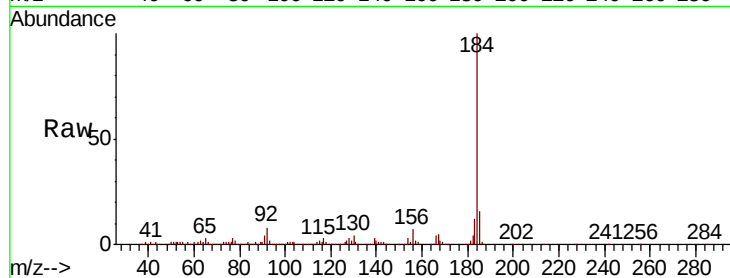
Tot Ion:184 Resp: 1295036

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

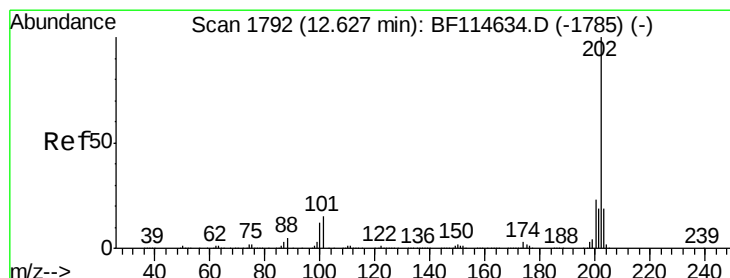
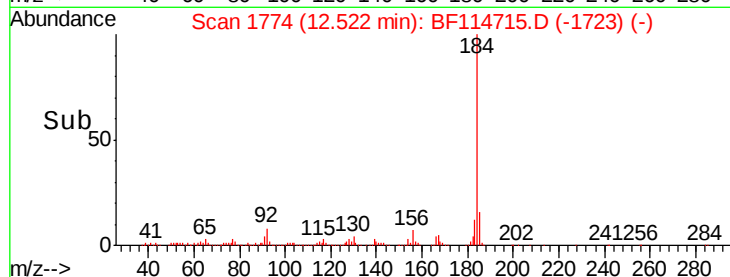
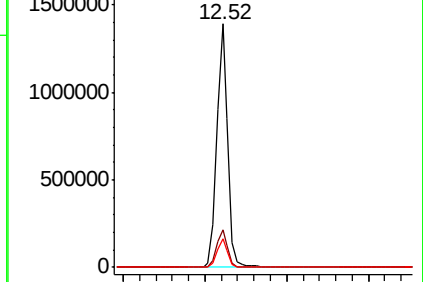
183 11.8 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.924 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

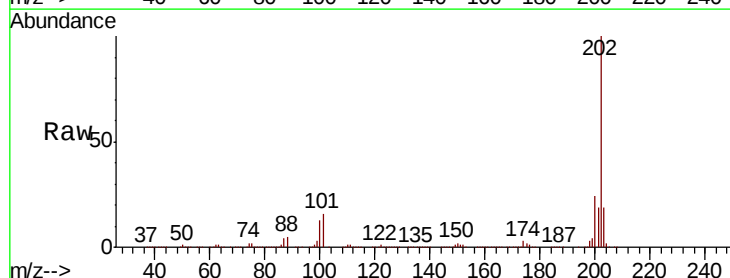
Tgt Ion:202 Resp: 2702626

Ion Ratio Lower Upper

202 100

200 23.6 18.6 28.0

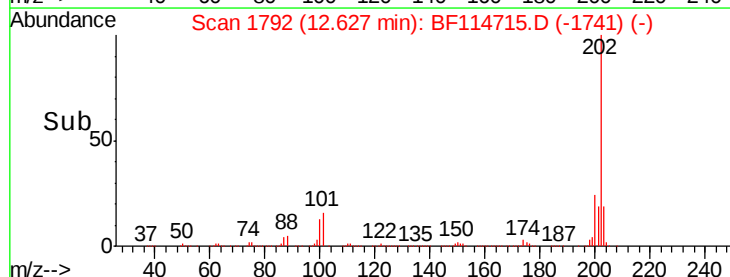
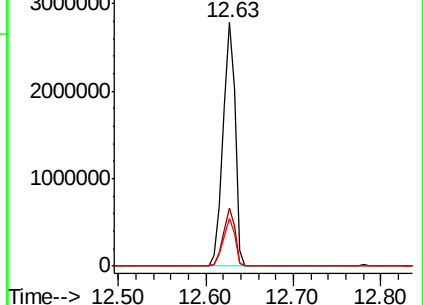
203 19.4 15.4 23.2

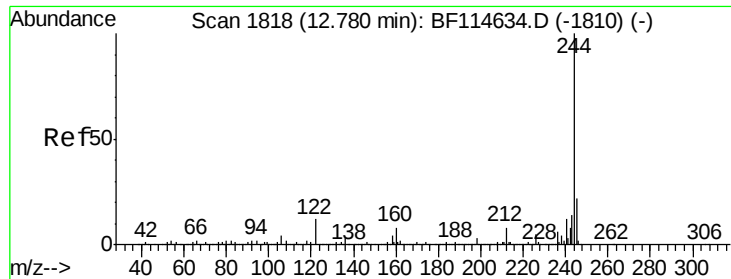


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.435 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

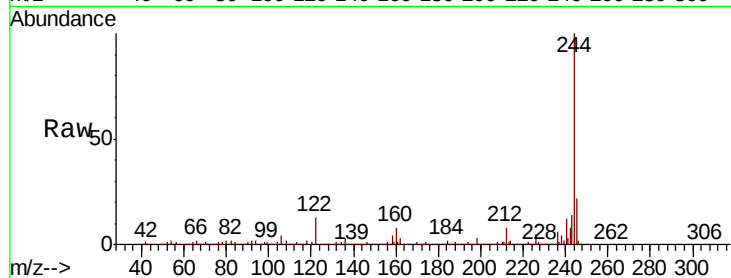
Tot Ion:244 Resp: 3505963

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

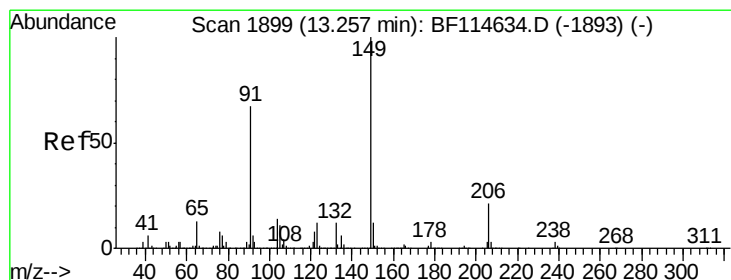
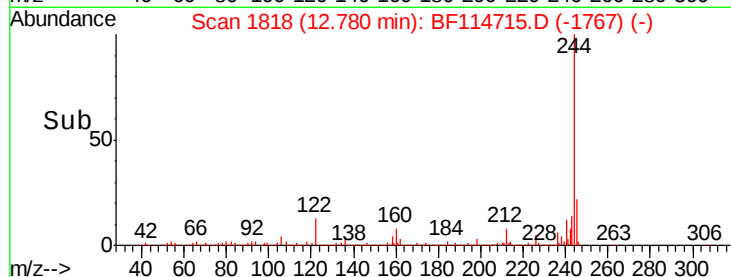
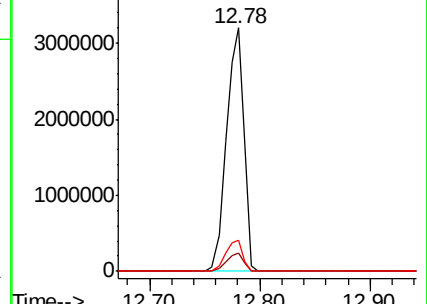
122 12.6 9.8 14.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.733 ng

RT: 13.26 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

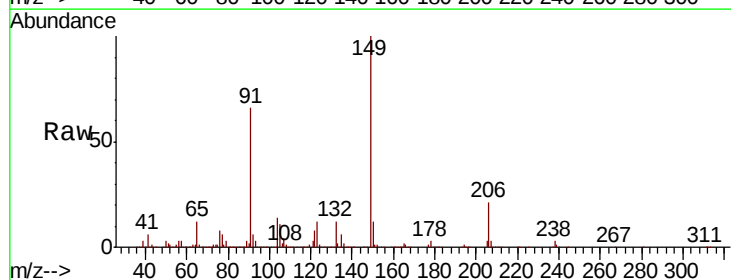
Tgt Ion:149 Resp: 1351921

Ion Ratio Lower Upper

149 100

91 65.6 53.8 80.8

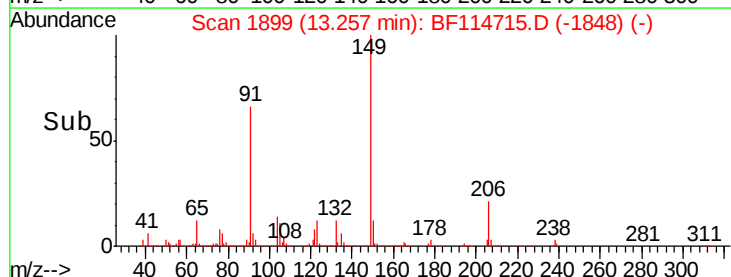
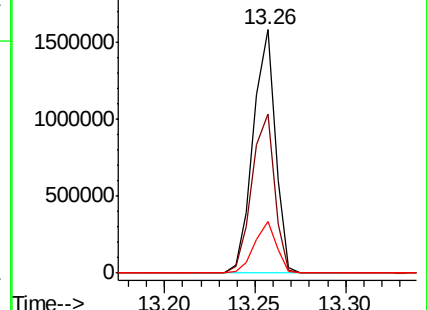
206 21.2 16.9 25.3

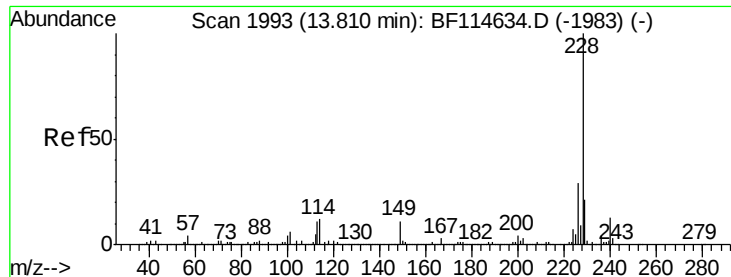


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.465 ng

RT: 13.81 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

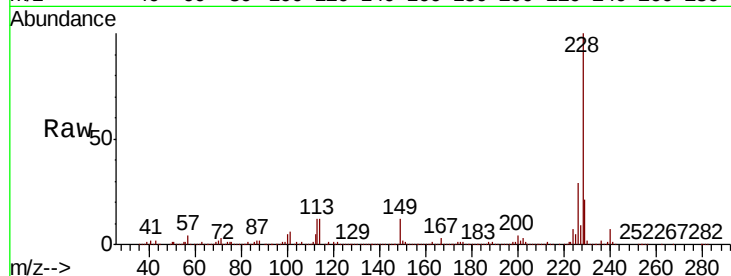
Tot Ion:228 Resp: 2307647

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.6
229	21.3	17.0	25.4

228 100

226 28.8 23.0 34.6

229 21.3 17.0 25.4

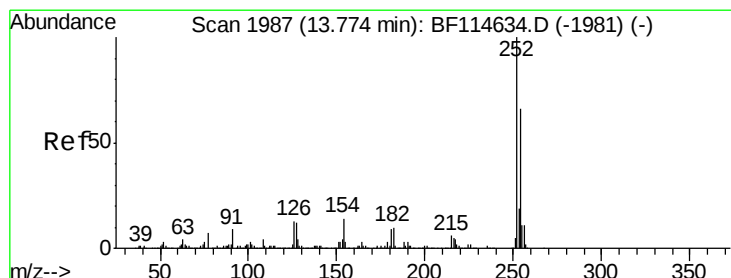
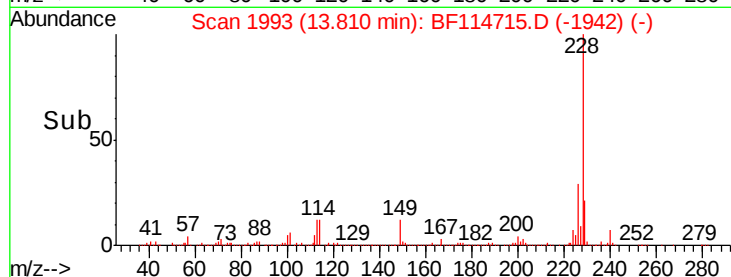
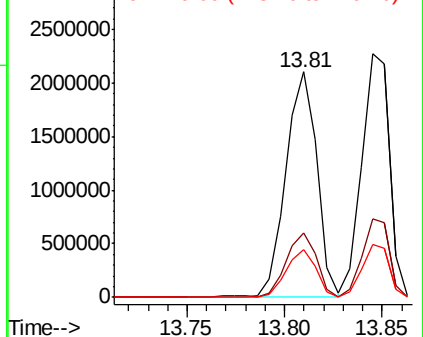


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.426 ng

RT: 13.77 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

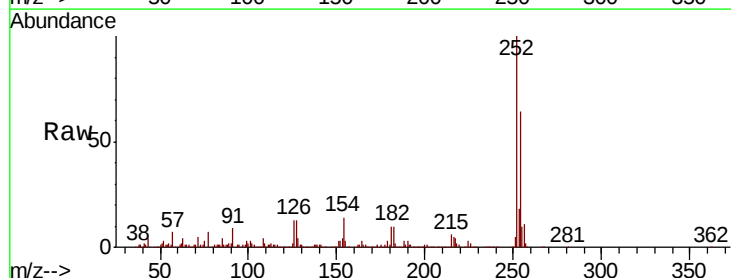
Tgt Ion:252 Resp: 936628

Ion	Ratio	Lower	Upper
252	100		
254	64.0	53.1	79.7
126	13.0	10.2	15.2

252 100

254 64.0 53.1 79.7

126 13.0 10.2 15.2

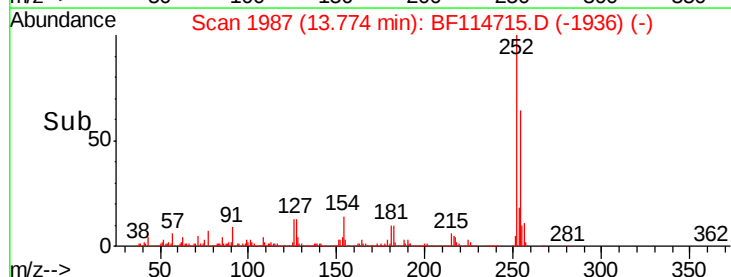
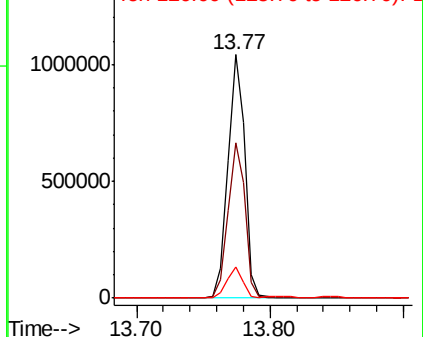


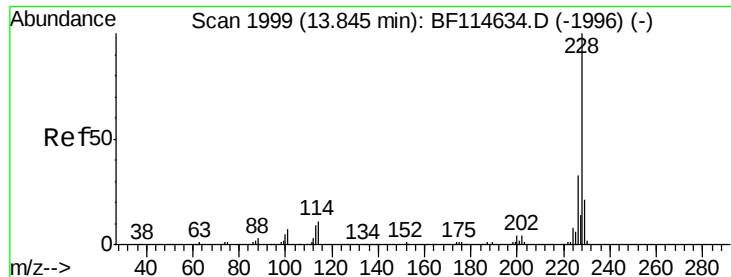
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.068 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

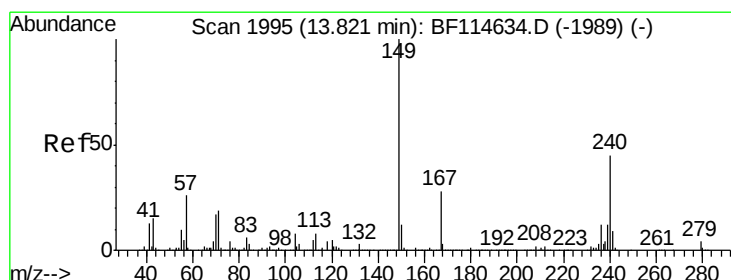
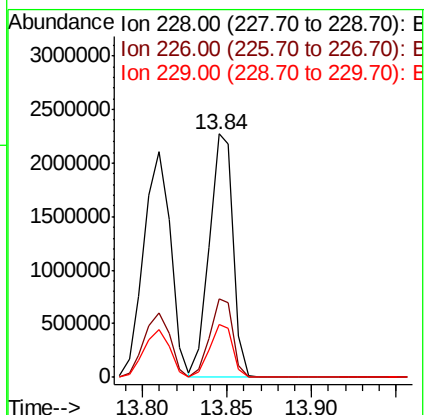
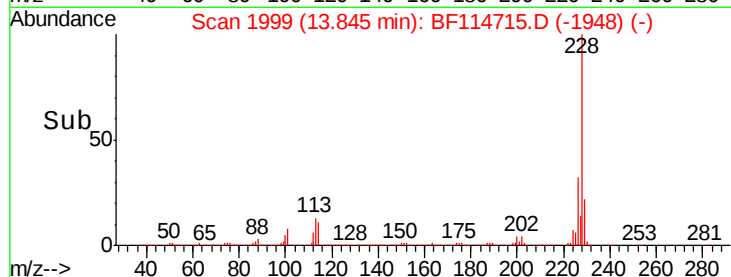
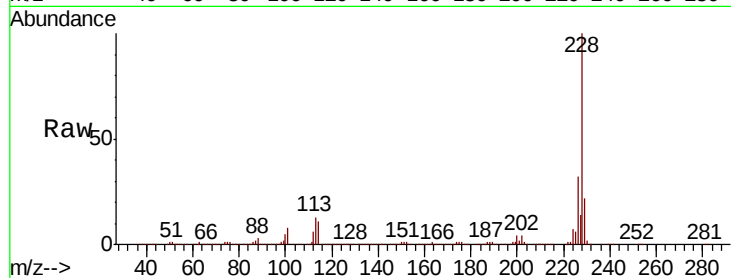
Tot Ion:228 Resp: 2239321

Ion Ratio Lower Upper

228 100

226 32.3 26.4 39.6

229 21.5 17.1 25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.550 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

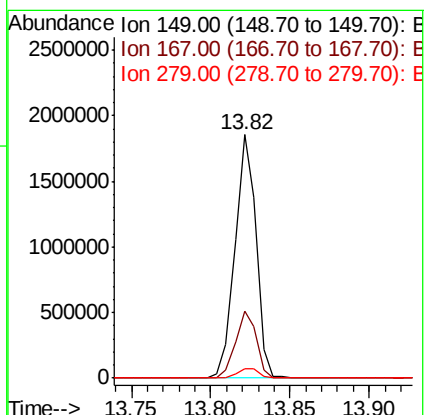
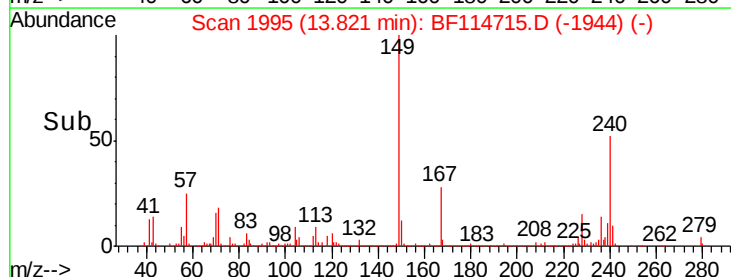
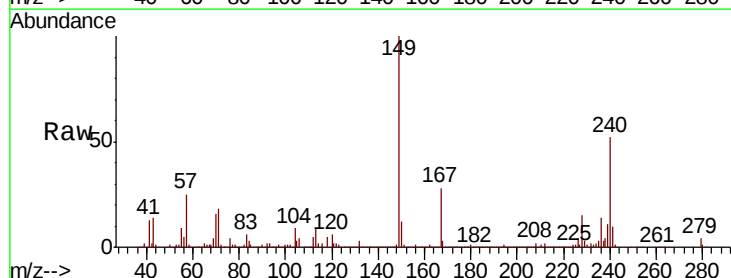
Tgt Ion:149 Resp: 1704875

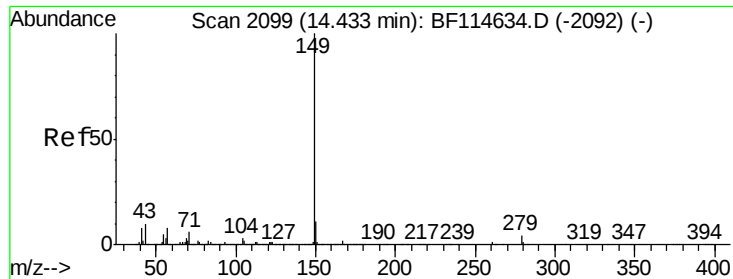
Ion Ratio Lower Upper

149 100

167 27.6 22.6 33.8

279 4.0 3.0 4.4

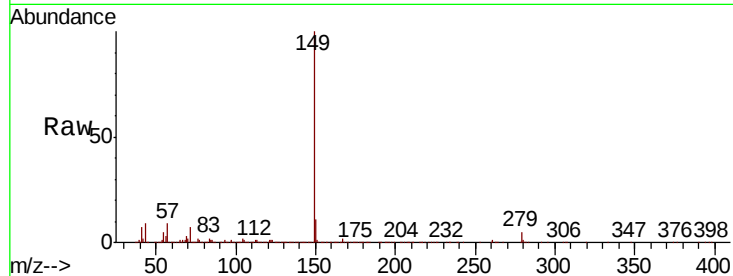




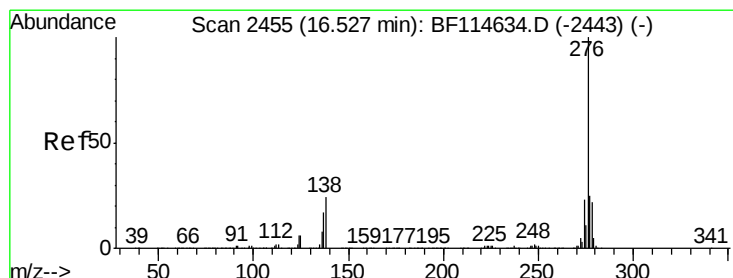
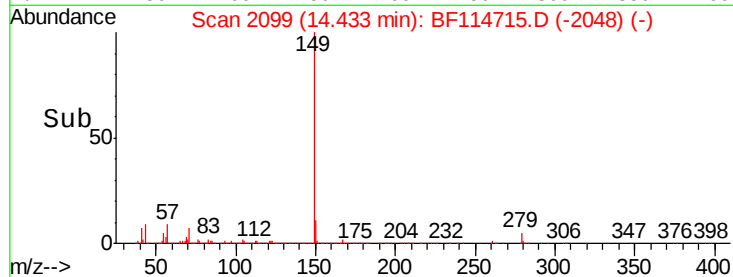
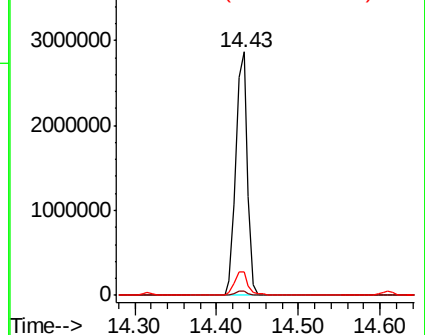
#85
Di-n-octyl phthalate
Concen: 39.697 ng
RT: 14.43 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:149 Resp: 2830060
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.4 8.0 12.0

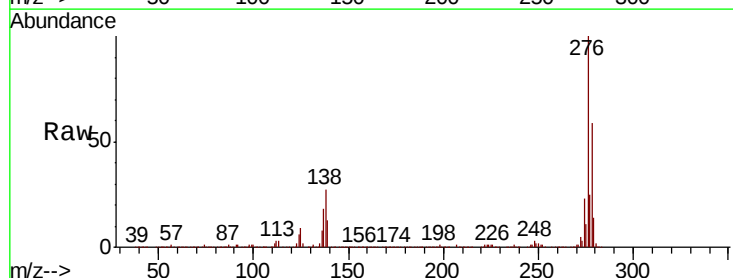


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

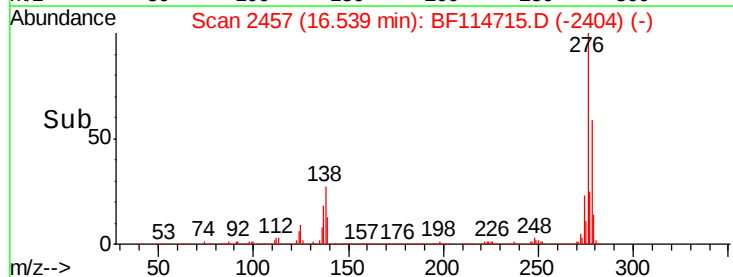
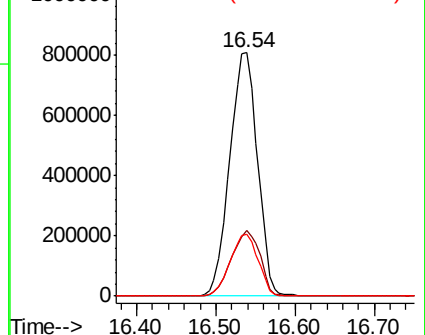


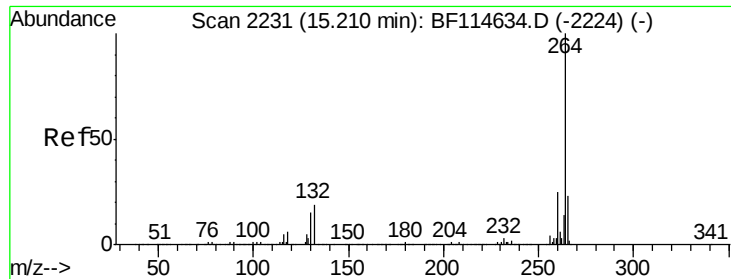
#86
Indeno(1,2,3-cd)pyrene
Concen: 34.119 ng
RT: 16.54 min Scan# 2457
Delta R.T. 0.01 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Tgt Ion:276 Resp: 1958701
Ion Ratio Lower Upper
276 100
138 27.9 23.0 34.6
277 25.6 20.5 30.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.21 min Scan# 2231

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

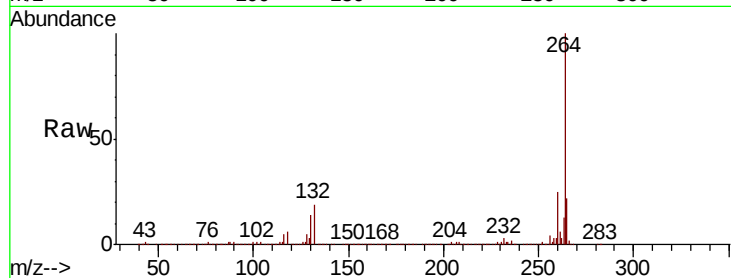
Tot Ion:264 Resp: 846781

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

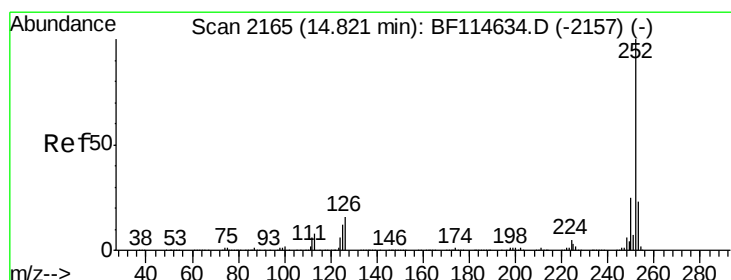
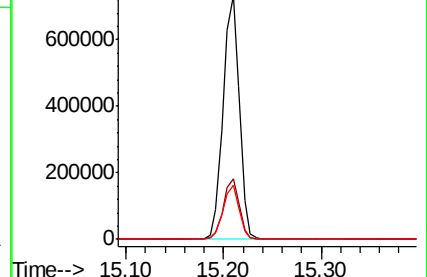
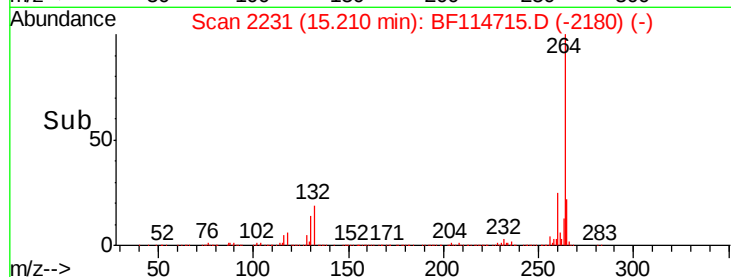
265 22.2 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.624 ng

RT: 14.82 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

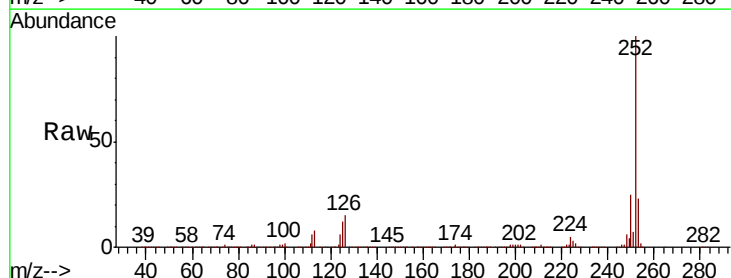
Tgt Ion:252 Resp: 2059958

Ion Ratio Lower Upper

252 100

253 23.3 18.7 28.1

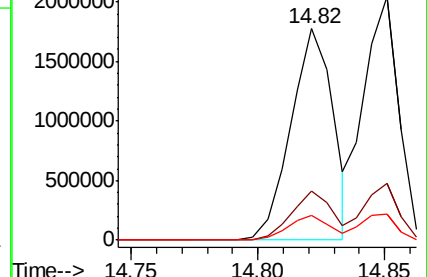
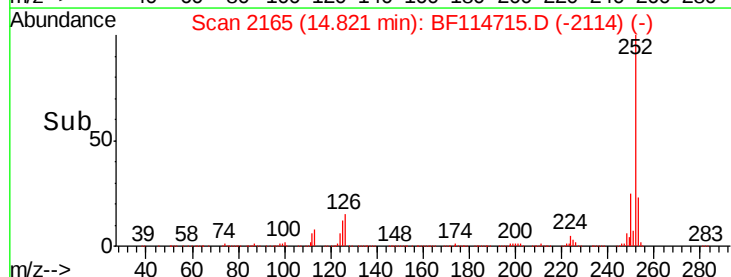
125 11.8 9.4 14.2

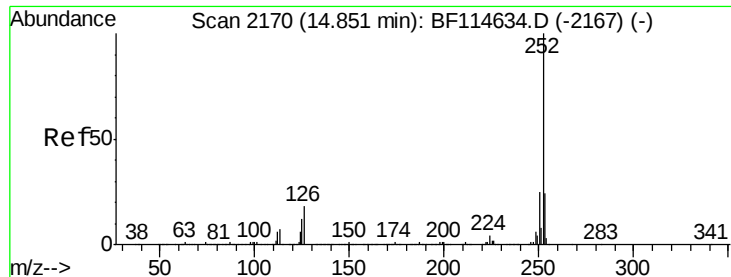


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

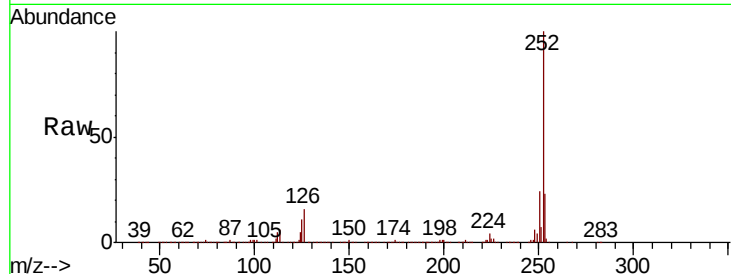




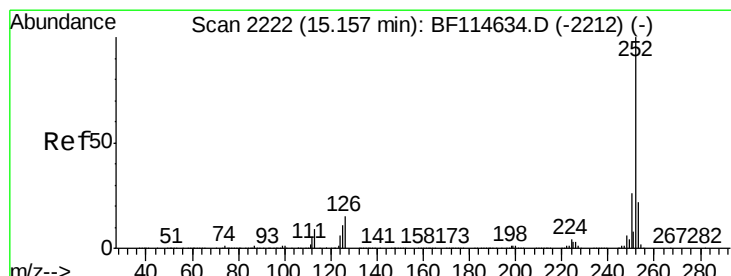
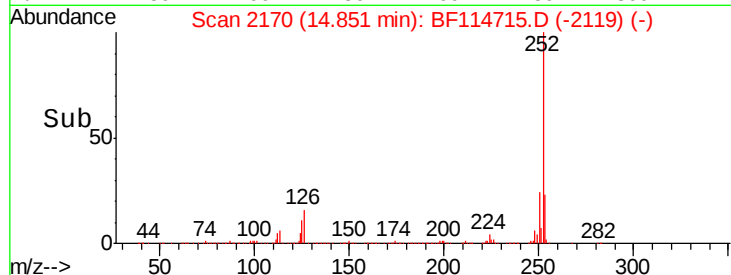
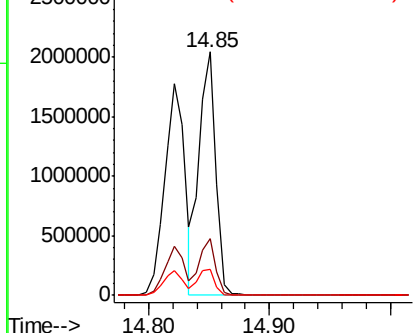
#89
Benzo(k)fluoranthene
Concen: 42.479 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:252 Resp: 1969180
Ion Ratio Lower Upper
252 100
253 23.4 18.9 28.3
125 10.9 9.5 14.3

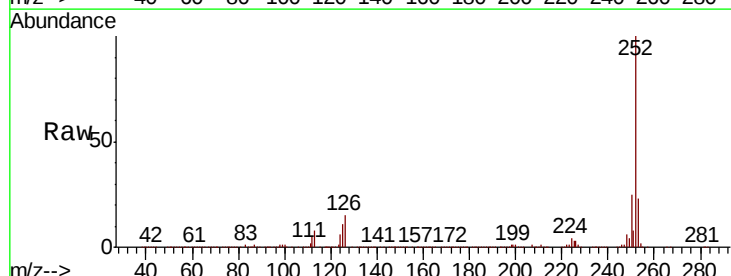


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

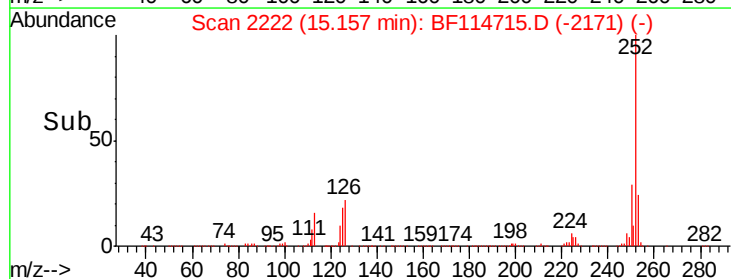
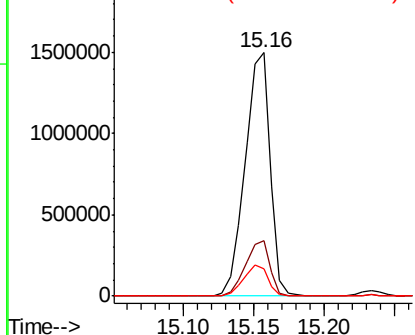


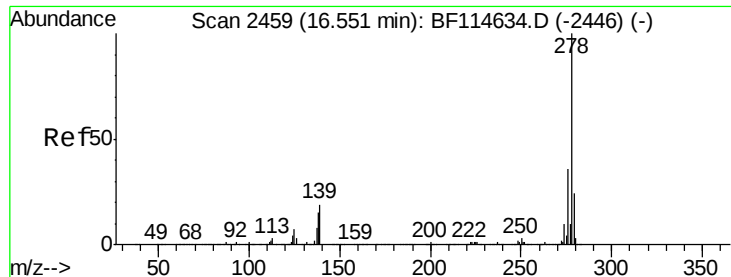
#90
Benzo(a)pyrene
Concen: 39.657 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BF114715.D
Acq: 31 May 2019 18:22

Tgt Ion:252 Resp: 1858050
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 11.2 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.234 ng

RT: 16.55 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Instrument :

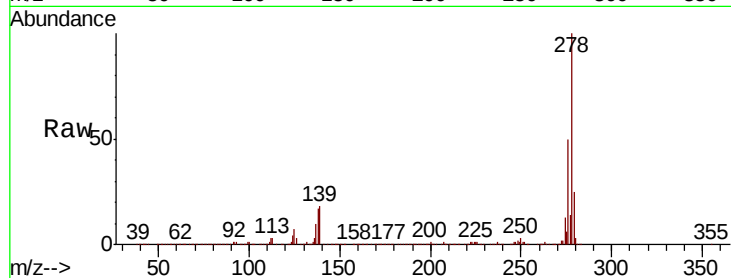
BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:278 Resp: 1624367

Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.9	22.3
279	24.5	19.5	29.3

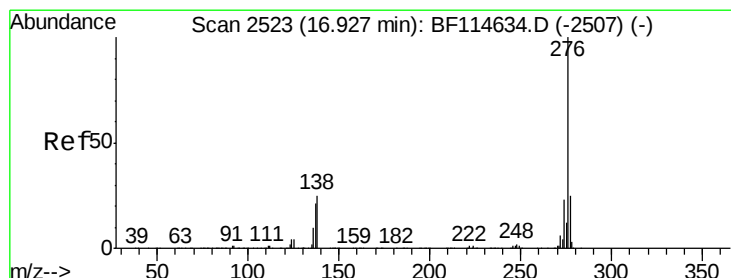
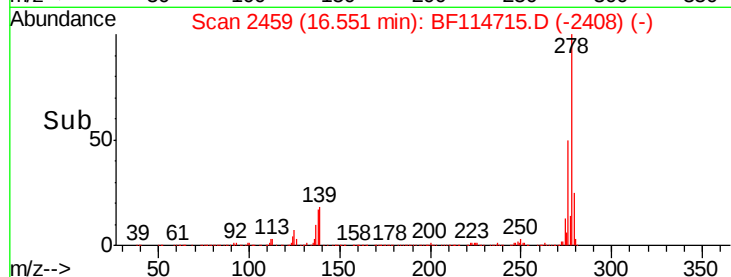
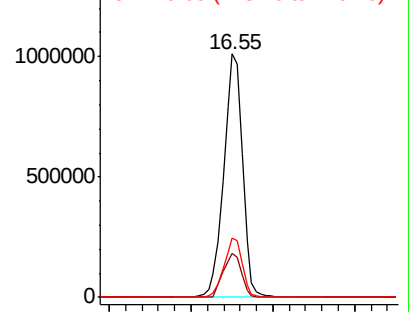


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.972 ng

RT: 16.93 min Scan# 2524

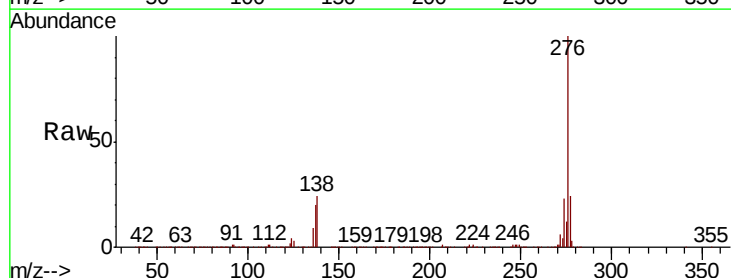
Delta R.T. 0.01 min

Lab File: BF114715.D

Acq: 31 May 2019 18:22

Tgt Ion:276 Resp: 1566034

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.7	29.5
138	23.7	19.8	29.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

